



SCREENING DATE: 2025-12-17  
PUBLISHED DATE: 2026-01-26  
EXPIRY DATE: 2028-12-17  
PREPARER: Self-Prepared  
VERIFIER: WAP Sustainability  
VERIFICATION #: zPr-27156

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 271574152192  
HPD UNIQUE PRODUCT ID: Not provided.  
CLASSIFICATION: 09 68 13 Tile Carpeting  
PRODUCT DESCRIPTION: Carpet tile with WellBAC™ Function.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

|                            |                                 |
|----------------------------|---------------------------------|
| Inventory Reporting Format | Residuals/Impurities Evaluation |
| → Basic Method             | → Completed                     |
| Threshold Disclosed Per    | Explanation(s) provided :       |
| → Product                  | Yes                             |
| Threshold Level            |                                 |
| → 100 ppm                  |                                 |

|                                                             |     |
|-------------------------------------------------------------|-----|
| For all contents above the threshold, the manufacturer has: |     |
| Characterized                                               | Yes |
| Provided weight and role.                                   |     |
| Screened                                                    | Yes |
| Provided screening results using HPDC-approved methods.     |     |
| Identified                                                  | Yes |
| Provided name and CAS RN or other identifier.               |     |

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY  
GREENSCREEN SCORE | HAZARD TYPE  
WELLBAC™ FUNCTION (CN) [ LIMESTONE (CALCIUM CARBONATE)  
BM-3dg POLICAPRAM (NYLON 6) LT-UNK CALCIUM CARBONATE  
BM-3 EYE POLYPROPYLENE LT-UNK ETHYLENEVINYLACETATE  
COPOLYMER (ACETIC ACID ETHENYL ESTER, POLYMER WITH  
ETHENE) LT-UNK ETHENE, POLYMER WITH 1-PROPENE (1-  
PROPENE, POLYMER WITH ETHENE) LT-UNK POLYETHYLENE  
TEREPHTHALATE (PET) LT-UNK FATTY ACIDS, CASTOR-OIL,  
CAUSTIC-OXIDIZED, DISTN. RESIDUES, ESTERS WITH AMMONIA-  
ETHYLENE OXIDE REACTION PRODUCT DISTN. RESIDUES,  
COMPDS. WITH DIETHYLENETRIAMINE AND  
TRIETHYLENETETRAMINE NoGS HYDROCARBONS, C6-20,  
POLYMERS, HYDROGENATED (HYDROCARBONS, C6-20,  
POLYMERS, HYDROGENATED) LT-P1 MUL 2,5-FURANDIONE,  
POLYMER WITH 1-PROPENE LT-UNK FIBERGLASS (GLASS, OXIDE,  
CHEMICALS) LT-UNK GLYCERIDES, COCO MONO- AND DI-,  
ETHOXYLATED PROPOXYLATED (GLYCERIN-KOKOS+L-  
TRANSESTER-EO/PO-RANDOM, (MITTLERE MOLMASSE 1000  
G/MOL)) LT-UNK CAPROLACTAM LT-UNK SKI | EYE | MAM | REP 2-  
PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH  
ETHYL 2-PROPENOATE, N-(HYDROXYMETHYL)-2-PROPENAMIDE  
AND 2-PROPENAMIDE LT-UNK POLYACRYLIC ACID, SODIUM SALT  
(2-PROPENOIC ACID, HOMOPOLYMER, SODIUM SALT) LT-P1 CAN |  
MAM | EYE FERRIC OXIDE BM-1 \* CAN | MAM TITANIUM DIOXIDE  
BM-1 \* CAN | END | MAM CARBON BLACK BM-1 \* CAN | EYE | MAM  
| PHY QUARTZ BM-1 \* CAN | MAM GEN STEARIC ACID LT-P1 END  
AMIDES, C8-18 AND C18-UNSATD., N,N-BIS(HYDROXYETHYL) LT-P1  
MUL ALKENES, C14-16 ALPHA-, SULFONATED, SODIUM SALTS  
(SULFONIC ACIDS, C14-16-ALKANE HYDROXY AND C14-16-ALKENE,  
SODIUM SALTS) LT-UNK SKI | EYE | REP | AQU PYRITHIONE ZINC

Number of Greenscreen BM-4/BM3 contents ... 4  
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ...  
LT-P1, BM-1, LT-1  
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Inventory of all ingredients were supplied by the suppliers to 100ppm.

\*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. For this reason, this score is intentionally omitted from the "Contents highest concern" line above. See HPDC's Special Conditions policy for more information.

(ZINC PYRITHIONE) BM-1 | REP | MUL | MAM | AQU | EYE | DEV | SKI  
WATER BM-4 C.I. PIGMENT RED 149 (ANTHRA[2,1,9-DEF:6,5,10-  
D'E'F'] DIISOQUINOLINE-1,3,8,10(2H,9H)-TETRONE, 2,9-BIS(3,5-  
DIMETHYLPHENYL)-) LT-P1 PIGMENT BLUE 15 (C. I. PIGMENT BLUE  
15) BM-3 CHROME RUTILE YELLOW (C.I. PIGMENT BROWN 24) BM-1  
PHTHALOCYANINE GREEN (C.I. PIGMENT GREEN 7) LT-UNK ACID  
YELLOW 121 (CHROMATE(1-), BIS[2-[(4,5-DIHYDRO-3-METHYL- 5-  
OXO-1-PHENYL-1H-PYRAZOL-4-YL)AZO]BENZOATO(2 -)]-,  
HYDROGEN) LT-P1 SKI PIGMENT VIOLET 23 LT-UNK | EYE  
DIOLAMINE (DIETHANOLAMINE) BM-1 | CAN | END | SKI | MUL | EYE |  
MAM | AQU | REP PERYLIMID (PIGMENT VIOLET 29) LT-UNK NICKEL,  
5,5'-AZOBIS-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE COMPLEXES LT-1 |  
CAN POLYETHYLENE LT-UNK TRIS(3,5-DI-TERT-BUTYL-4-  
HYDROXYBENZYL) ISOCYANURATE (1,3,5-TRIAZINE-  
2,4,6(1H,3H,5H)-TRIONE, 1,3,5-TRIS[[3,5-BIS(1,1-DIMETHYLETHYL) -4-  
HYDROXYPHENYL]METHYL]-) LT-UNK (Z)-N-OCTADECYLDODOCOS-13-  
ENAMIDE (13-DOCOSENAMIDE, N-OCTADECYL-, (Z)-) LT-UNK AI 3-  
01744 (1H-IMIDAZOLE-1-ETHANOL, 2-(HEPTADECENYL)-4,5-  
DIHYDRO-) LT-P1 | MUL | SKI AMINOETHYL ETHANOLAMINE (2-(2-  
AMINOETHYLAMINO)ETHANOL) LT-1 | REP | MUL | DEV | SKI | EYE 2-  
PROPENOIC ACID, POLYMER WITH ETHENE, ZINC SALT LT-UNK 9-  
OCTADECENAMIDE, N-(2-AMINOETHYL)-N-(2-HYDROXYETHYL)-,  
(9Z)- NoGS HYDROCINNAMIC ACID, 3,5-DI-T-BUTYL-4-HYDROXY-,  
OCTADECYL ESTER (BENZENEPROPANOIC ACID, 3,5-BIS(1,1-  
DIMETHYLETHYL)-4-HYDROXY-, OCTADECYL ESTER) BM-2 | REP |  
AQU C13-14 ISOPARAFFIN (DISTILLATES, PETROLEUM,  
HYDROTREATED LIGHT) BM-2 | CAN | AQU | MAM 2,2-DIBROMO-3-  
NITRILOPROPIONAMIDE (2,2-DIBROMO-2-CYANOACETAMIDE) LT-P1  
| END | SKI | MUL | MAM | AQU | EYE IRGANOX 1010  
(BENZENEPROPANOIC ACID, 3,5-BIS(1,1-DIMETHYLETHYL)-4-  
HYDROXY-, 2,2-BIS[[3-[3,5-BIS(1,1-DIMETHYLETHYL) -4-  
HYDROXYPHENYL]-1-OXOPROPOXY]METHYL ]-1,3-PROPANEDIYL  
ESTER) LT-UNK TK 12627 (BENZENEPROPANOIC ACID, 3-(1,1-  
DIMETHYLETHYL)-4-HYDROXY-5-METHYL-, 1,2-  
ETHANEDIYLBIS(OXY-2,1-ETHANEDIYL) ESTER) LT-P1 | MUL IRON  
OXIDE LT-UNK C.I. PIGMENT YELLOW 119 BM-1 POLYSORBATE 85  
(SORBITAN, TRI-9-OCTADECENOATE, POLY(OXY-1,2-ETHANEDIYL)  
DERIVS., (Z,Z,Z)-) LT-UNK PHOSPHOROUS TRICHLORIDE, REACTION  
PRODUCTS WITH 1,1'-BIPHENYL AND 2,4-BIS(1,1-  
DIMETHYLETHYL)PHENOL (PHOSPHOROUS TRICHLORIDE,  
REACTION PRODUCTS WITH 1,1'-BIPHENYL AND 2,4-BIS(1,1-  
METHYLETHYL)PHENOL) LT-UNK TRIS(2,4-DI-TERT-BUTYLPHENYL)  
PHOSPHITE (PHENOL, 2,4-BIS(1,1-DIMETHYLETHYL)-, PHOSPHITE  
(3:1)) LT-UNK PETROLEUM RESINS LT-UNK ZINC STEARATE  
(OCTADECANOIC ACID, ZINC SALT) LT-UNK | AQU MELAMINE LT-P1  
| END | CAN | MUL | MAM NYLON 6:66 (HEXANEDIOIC ACID,  
POLYMER WITH HEXAHYDRO-2H-AZEPIN-2-ONE AND 1,6-  
HEXANEDIAMINE) LT-UNK FATTY ACIDS, MONTAN-WAX, 1-METHYL-  
1,3-PROPANEDIYL ESTERS NoGS FATTY ACIDS, C16-18 LT-UNK  
DODECANEDIOIC ACID (DODECANEDIOIC ACID) LT-UNK DOCUSATE  
SODIUM (BUTANEDIOIC ACID, SULFO-, 1,4-BIS(2-ETHYLHEXYL)  
ESTER, SODIUM SALT) BM-2 | MUL | SKI | EYE | REP | DEV ]

#### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

#### COMPLIANCE See Section 3 for additional listings.

VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) -  
Classroom & Office scenario

#### CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.  
Pre-checked for LEED v4.1 Option 1.

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 3.0, available on the HPDC website at: [www.hpd-collaborative.org/hpd-3-0-standard](http://www.hpd-collaborative.org/hpd-3-0-standard)

WELLBAC™ FUNCTION (CN)

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: All residuals and impurities were considered and reported.

OTHER PRODUCT NOTES: Substance ranges are utilized in order to cover the various face fiber weights and options.

LIMESTONE (CALCIUM CARBONATE)ID: 1317-65-3

HAZARD DATA SOURCE:Pharos Chemical and Materials Library

HAZARD SCREENING DATE:2025-12-18 20:40:06

%:35.0000 - 45.0000

GreenScreen:BM-3dg

RC:PreC

NANO:No

SUBSTANCE ROLE:Filler

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

NOTIFICATION

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Contains pre-consumer recycled content.

POLICAPRAM (NYLON 6)ID: 25038-54-4

HAZARD DATA SOURCE:Pharos Chemical and Materials Library

HAZARD SCREENING DATE:2025-12-17 14:15:59

%:10.0000 - 20.0000

GreenScreen:LT-UNK

RC:Both

NANO:No

SUBSTANCE ROLE:Polymer species

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

NOTIFICATION

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Recycled content type and amount varies based on collection and styles.

CALCIUM CARBONATEID: 471-34-1

|                                                                  |                          |                 |                                                   |                               |
|------------------------------------------------------------------|--------------------------|-----------------|---------------------------------------------------|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          |                 | HAZARD SCREENING DATE: <b>2025-12-18 20:38:17</b> |                               |
| %: <b>10.0000 - 15.0000</b>                                      | GreenScreen: <b>BM-3</b> | RC: <b>PreC</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Filler</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE     |                 | WARNINGS                                          |                               |
| EYE                                                              | GHS - New Zealand        |                 | Eye irritation category 2                         |                               |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE     |                 | NOTIFICATION                                      |                               |
| None found                                                       |                          |                 | No listings found on Additional Hazard Lists      |                               |
| SUBSTANCE NOTES: Contains pre-consumer recycled content.         |                          |                 |                                                   |                               |

POLYPROPYLENE

ID: 9003-07-0

|                                                                                                                        |                            |                |                                                   |                                        |
|------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------|---------------------------------------------------|----------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                       |                            |                | HAZARD SCREENING DATE: <b>2025-12-17 14:16:02</b> |                                        |
| %: <b>0.0000 - 10.0000</b>                                                                                             | GreenScreen: <b>LT-UNK</b> | RC: <b>UNK</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Polymer species</b> |
| HAZARD TYPE                                                                                                            | LIST NAME AND SOURCE       |                | WARNINGS                                          |                                        |
| None found                                                                                                             |                            |                | No warnings found on HPD Priority Hazard Lists    |                                        |
| ADDITIONAL LISTINGS                                                                                                    | LIST NAME AND SOURCE       |                | NOTIFICATION                                      |                                        |
| None found                                                                                                             |                            |                | No listings found on Additional Hazard Lists      |                                        |
| SUBSTANCE NOTES: May contain recycled content. Recycled content type and amount varies based on collection and styles. |                            |                |                                                   |                                        |

ETHYLENEVINYLACETATE COPOLYMER (ACETIC ACID  
ETHENYL ESTER, POLYMER WITH ETHENE)

ID: 24937-78-8

|                                                                  |                            |                 |                                                   |                               |
|------------------------------------------------------------------|----------------------------|-----------------|---------------------------------------------------|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                 | HAZARD SCREENING DATE: <b>2025-12-17 14:16:05</b> |                               |
| ?: <b>0.0000 - 10.0000</b>                                       | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Binder</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE       |                 | WARNINGS                                          |                               |
| None found                                                       |                            |                 | No warnings found on HPD Priority Hazard Lists    |                               |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE       |                 | NOTIFICATION                                      |                               |
| None found                                                       |                            |                 | No listings found on Additional Hazard Lists      |                               |
| SUBSTANCE NOTES:                                                 |                            |                 |                                                   |                               |

ETHENE, POLYMER WITH 1-PROPENE (1-PROPENE, POLYMER  
WITH ETHENE)

ID: 9010-79-1

|                                                                  |  |  |                                                   |  |
|------------------------------------------------------------------|--|--|---------------------------------------------------|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |  |  | HAZARD SCREENING DATE: <b>2025-12-17 14:16:06</b> |  |
|------------------------------------------------------------------|--|--|---------------------------------------------------|--|

|                            |  |                            |                 |                                                |                                        |
|----------------------------|--|----------------------------|-----------------|------------------------------------------------|----------------------------------------|
| %: <b>0.0000 - 10.0000</b> |  | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>No</b>                                | SUBSTANCE ROLE: <b>Polymer species</b> |
| HAZARD TYPE                |  | LIST NAME AND SOURCE       |                 | WARNINGS                                       |                                        |
| None found                 |  |                            |                 | No warnings found on HPD Priority Hazard Lists |                                        |
| ADDITIONAL LISTINGS        |  | LIST NAME AND SOURCE       |                 | NOTIFICATION                                   |                                        |
| None found                 |  |                            |                 | No listings found on Additional Hazard Lists   |                                        |
| SUBSTANCE NOTES:           |  |                            |                 |                                                |                                        |

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

|                                                                                                                        |                      |                            |                                                   |                                                |                                        |
|------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------|---------------------------------------------------|------------------------------------------------|----------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                       |                      |                            | HAZARD SCREENING DATE: <b>2025-12-18 20:43:58</b> |                                                |                                        |
| %: <b>0.0000 - 10.0000</b>                                                                                             |                      | GreenScreen: <b>LT-UNK</b> | RC: <b>UNK</b>                                    | NANO: <b>No</b>                                | SUBSTANCE ROLE: <b>Polymer species</b> |
| HAZARD TYPE                                                                                                            | LIST NAME AND SOURCE |                            |                                                   | WARNINGS                                       |                                        |
| None found                                                                                                             |                      |                            |                                                   | No warnings found on HPD Priority Hazard Lists |                                        |
| ADDITIONAL LISTINGS                                                                                                    | LIST NAME AND SOURCE |                            |                                                   | NOTIFICATION                                   |                                        |
| None found                                                                                                             |                      |                            |                                                   | No listings found on Additional Hazard Lists   |                                        |
| SUBSTANCE NOTES: May contain recycled content. Recycled content type and amount varies based on collection and styles. |                      |                            |                                                   |                                                |                                        |

FATTY ACIDS, CASTOR-OIL, CAUSTIC-OXIDIZED, DISTN. RESIDUES, ESTERS WITH AMMONIA-ETHYLENE OXIDE REACTION PRODUCT DISTN. RESIDUES, COMPS. WITH DIETHYLENETRIAMINE AND TRIETHYLENETETRAMINE

ID: 113669-97-9

|                                                                  |                      |                          |                                                   |                 |                                        |
|------------------------------------------------------------------|----------------------|--------------------------|---------------------------------------------------|-----------------|----------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                      |                          | HAZARD SCREENING DATE: <b>2025-12-17 14:16:09</b> |                 |                                        |
| %: <b>0.0000 - 5.0000</b>                                        |                      | GreenScreen: <b>NoGS</b> | RC: <b>None</b>                                   | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Polymer species</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE |                          | WARNINGS                                          |                 |                                        |
| None found                                                       |                      |                          | No warnings found on HPD Priority Hazard Lists    |                 |                                        |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE |                          | NOTIFICATION                                      |                 |                                        |
| None found                                                       |                      |                          | No listings found on Additional Hazard Lists      |                 |                                        |
| SUBSTANCE NOTES:                                                 |                      |                          |                                                   |                 |                                        |

HYDROCARBONS, C6-20, POLYMERS, HYDROGENATED (HYDROCARBONS, C6-20, POLYMERS, HYDROGENATED)

ID: 69430-35-9

|                                                                  |  |                           |                                                   |                 |                                        |
|------------------------------------------------------------------|--|---------------------------|---------------------------------------------------|-----------------|----------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |  |                           | HAZARD SCREENING DATE: <b>2025-12-17 14:16:10</b> |                 |                                        |
| %: <b>0.0000 - 5.0000</b>                                        |  | GreenScreen: <b>LT-P1</b> | RC: <b>None</b>                                   | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Polymer species</b> |

| HAZARD TYPE         | LIST NAME AND SOURCE                        | WARNINGS                                     |
|---------------------|---------------------------------------------|----------------------------------------------|
| MUL                 | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters                   |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                        | NOTIFICATION                                 |
| None found          |                                             | No listings found on Additional Hazard Lists |
| SUBSTANCE NOTES:    |                                             |                                              |

2,5-FURANDIONE, POLYMER WITH 1-PROPENE

ID: 25722-45-6

|                                                                  |                            |                                                   |                 |                                        |
|------------------------------------------------------------------|----------------------------|---------------------------------------------------|-----------------|----------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            | HAZARD SCREENING DATE: <b>2025-12-17 14:16:11</b> |                 |                                        |
| %: <b>0.0000 - 5.0000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                   | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Polymer species</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE       | WARNINGS                                          |                 |                                        |
| None found                                                       |                            | No warnings found on HPD Priority Hazard Lists    |                 |                                        |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE       | NOTIFICATION                                      |                 |                                        |
| None found                                                       |                            | No listings found on Additional Hazard Lists      |                 |                                        |
| SUBSTANCE NOTES:                                                 |                            |                                                   |                 |                                        |

FIBERGLASS (GLASS, OXIDE, CHEMICALS)

ID: 65997-17-3

|                                                                  |                                              |                                                   |                                                             |                                            |
|------------------------------------------------------------------|----------------------------------------------|---------------------------------------------------|-------------------------------------------------------------|--------------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                              | HAZARD SCREENING DATE: <b>2025-12-17 14:16:12</b> |                                                             |                                            |
| %: <b>0.0000 - 5.0000</b>                                        | GreenScreen: <b>LT-UNK</b>                   | RC: <b>None</b>                                   | NANO: <b>No</b>                                             | SUBSTANCE ROLE: <b>Structure component</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                         |                                                   | WARNINGS                                                    |                                            |
| None found                                                       |                                              |                                                   | No warnings found on HPD Priority Hazard Lists              |                                            |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                         |                                                   | NOTIFICATION                                                |                                            |
| EXEMPT                                                           | European Union / European Commission (EU EC) |                                                   | EU - REACH Exemptions                                       |                                            |
|                                                                  |                                              |                                                   | Exempted from REACH Annex V listing due to intrinsic safety |                                            |
|                                                                  |                                              |                                                   |                                                             |                                            |

GLYCERIDES, COCO MONO- AND DI-, ETHOXYLATED PROPOXYLATED (GLYCERIN-KOKOS÷L-TRANSESTER-EO/PO-RANDOM, (MITTLERE MOLMASSE 1000 G/MOL))

ID: 72245-11-5

|                                                           |                     |                                            |          |                             |
|-----------------------------------------------------------|---------------------|--------------------------------------------|----------|-----------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                     | HAZARD SCREENING DATE: 2025-12-17 14:16:36 |          |                             |
| %: 0.0000 - 1.0000                                        | GreenScreen: LT-UNK | RC: None                                   | NANO: No | SUBSTANCE ROLE: Anti-static |

| HAZARD TYPE         | LIST NAME AND SOURCE | WARNINGS                                       |
|---------------------|----------------------|------------------------------------------------|
| None found          |                      | No warnings found on HPD Priority Hazard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION                                   |
| None found          |                      | No listings found on Additional Hazard Lists   |
| SUBSTANCE NOTES:    |                      |                                                |

CAPROLACTAM

ID: 105-60-2

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                           |                                                                                                                                                           | HAZARD SCREENING DATE: <b>2025-12-18 20:58:57</b> |                                |
|------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------|
| %: <b>0.0000 - 1.0000</b>                                        | GreenScreen: <b>LT-UNK</b>                | RC: <b>None</b>                                                                                                                                           | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Monomer</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                      | WARNINGS                                                                                                                                                  |                                                   |                                |
| SKI                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1 | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                                    |                                                   |                                |
| EYE                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1 | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]                                                                    |                                                   |                                |
| MAM                                                              | GHS - Japan                               | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]                                                   |                                                   |                                |
| SKI                                                              | GHS - New Zealand                         | Skin irritation category 2                                                                                                                                |                                                   |                                |
| EYE                                                              | GHS - New Zealand                         | Eye irritation category 2                                                                                                                                 |                                                   |                                |
| SKI                                                              | GHS - Australia                           | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                                    |                                                   |                                |
| EYE                                                              | GHS - Australia                           | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]                                                                    |                                                   |                                |
| MAM                                                              | GHS - Japan                               | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |                                                   |                                |
| SKI                                                              | GHS - Japan                               | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                                                                                  |                                                   |                                |
| SKI                                                              | GHS - New Zealand                         | Skin sensitisation category 1                                                                                                                             |                                                   |                                |
| MAM                                                              | GHS - Japan                               | H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure - Category 2]                                       |                                                   |                                |
| REP                                                              | GHS - Japan                               | H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]                                                           |                                                   |                                |
| MAM                                                              | Québec CSST - WHMIS 1988                  | Class D1A - Very toxic material causing immediate and serious toxic effects                                                                               |                                                   |                                |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                      | NOTIFICATION                                                                                                                                              |                                                   |                                |
| None found                                                       |                                           | No listings found on Additional Hazard Lists                                                                                                              |                                                   |                                |

SUBSTANCE NOTES:

2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH ETHYL 2-PROPENOATE, N-(HYDROXYMETHYL)-2-PROPENAMIDE AND 2-PROPENAMIDE

ID: 30394-81-1

|                                                                  |                      |                                                |                                                   |  |  |
|------------------------------------------------------------------|----------------------|------------------------------------------------|---------------------------------------------------|--|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                      |                                                | HAZARD SCREENING DATE: <b>2025-12-17 14:16:39</b> |  |  |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE | WARNINGS                                       |                                                   |  |  |
| None found                                                       |                      | No warnings found on HPD Priority Hazard Lists |                                                   |  |  |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE | NOTIFICATION                                   |                                                   |  |  |
| None found                                                       |                      | No listings found on Additional Hazard Lists   |                                                   |  |  |
| SUBSTANCE NOTES:                                                 |                      |                                                |                                                   |  |  |

POLYACRYLIC ACID, SODIUM SALT (2-PROPENOIC ACID, HOMOPOLYMER, SODIUM SALT)

ID: 9003-04-7

|                                                                  |                           |                 |                                                                                                                                                           |                               |  |
|------------------------------------------------------------------|---------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                           |                 | HAZARD SCREENING DATE: <b>2025-12-17 14:16:40</b>                                                                                                         |                               |  |
| %: <b>0.0000 - 1.0000</b>                                        | GreenScreen: <b>LT-P1</b> | RC: <b>None</b> | NANO: <b>No</b>                                                                                                                                           | SUBSTANCE ROLE: <b>Binder</b> |  |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE      |                 | WARNINGS                                                                                                                                                  |                               |  |
| CAN                                                              | GHS - Japan               |                 | H350 - May cause cancer [Carcinogenicity - Category 1B]                                                                                                   |                               |  |
| MAM                                                              | GHS - Japan               |                 | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]                                                   |                               |  |
| EYE                                                              | GHS - New Zealand         |                 | Eye irritation category 2                                                                                                                                 |                               |  |
| MAM                                                              | GHS - Japan               |                 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |                               |  |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE      |                 | NOTIFICATION                                                                                                                                              |                               |  |
| None found                                                       |                           |                 | No listings found on Additional Hazard Lists                                                                                                              |                               |  |
| SUBSTANCE NOTES:                                                 |                           |                 |                                                                                                                                                           |                               |  |

FERRIC OXIDE

ID: 1309-37-1

|                                                           |                   |          |                                            |                         |  |
|-----------------------------------------------------------|-------------------|----------|--------------------------------------------|-------------------------|--|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                   |          | HAZARD SCREENING DATE: 2025-12-18 16:03:08 |                         |  |
| %: 0.0000 - 1.0000                                        | GreenScreen: BM-1 | RC: None | NANO: No                                   | SUBSTANCE ROLE: Pigment |  |

| HAZARD TYPE         | LIST NAME AND SOURCE | WARNINGS                                                                                                                                                    |
|---------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAN                 | MAK                  | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification**                                                              |
| MAM                 | GHS - Japan          | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]** |
| MAM                 | GHS - Japan          | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]**                                          |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION                                                                                                                                                |
| None found          |                      | No listings found on Additional Hazard Lists                                                                                                                |

SUBSTANCE NOTES: \*\*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information.

## TITANIUM DIOXIDE

ID: **13463-67-7**

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                           |                                                                                                                                                             | HAZARD SCREENING DATE: <b>2025-12-18 16:09:14</b> |                                    |
|------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|------------------------------------|
| ?: <b>0.0000 - 1.0000</b>                                        | GreenScreen: <b>BM-1</b>                  | RC: <b>None</b>                                                                                                                                             | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Anti-static</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                      | WARNINGS                                                                                                                                                    |                                                   |                                    |
| CAN                                                              | US CDC - Occupational Carcinogens         | Occupational Carcinogen**                                                                                                                                   |                                                   |                                    |
| CAN                                                              | CA EPA - Prop 65                          | Carcinogen - specific to chemical form or exposure route**                                                                                                  |                                                   |                                    |
| CAN                                                              | IARC                                      | Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources**                                                                            |                                                   |                                    |
| CAN                                                              | MAK                                       | Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value**                                                      |                                                   |                                    |
| END                                                              | TEDX - Potential Endocrine Disruptors     | Potential Endocrine Disruptor**                                                                                                                             |                                                   |                                    |
| CAN                                                              | MAK                                       | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels**                                                                          |                                                   |                                    |
| CAN                                                              | IARC                                      | Group 2b - Possibly carcinogenic to humans**                                                                                                                |                                                   |                                    |
| CAN                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]**                                                                                         |                                                   |                                    |
| CAN                                                              | GHS - Japan                               | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]**                                                                                         |                                                   |                                    |
| MAM                                                              | GHS - Japan                               | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]** |                                                   |                                    |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                    | NOTIFICATION                                                                       |
|---------------------|---------------------------------------------------------|------------------------------------------------------------------------------------|
| POSITIVE LIST       | US Environmental Protection Agency (US EPA)             | US EPA - DfE Safer Chemicals Ingredients list (SCIL)                               |
|                     |                                                         | Colorants - Green Circle (Verified Low Concern)                                    |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 |
|                     |                                                         | Cosmetics and Personal Care Products                                               |

SUBSTANCE NOTES: \*\*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information.

CARBON BLACK

ID: 1333-86-4

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                   |                                                                                                                                                             | HAZARD SCREENING DATE: <b>2025-12-18 16:11:46</b> |                                    |
|------------------------------------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|------------------------------------|
| %: <b>0.0000 - 1.0000</b>                                        | GreenScreen: <b>BM-1</b>          | RC: <b>None</b>                                                                                                                                             | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Anti-static</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE              | WARNINGS                                                                                                                                                    |                                                   |                                    |
| CAN                                                              | US CDC - Occupational Carcinogens | Occupational Carcinogen**                                                                                                                                   |                                                   |                                    |
| CAN                                                              | MAK                               | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification**                                                              |                                                   |                                    |
| CAN                                                              | CA EPA - Prop 65                  | Carcinogen - specific to chemical form or exposure route**                                                                                                  |                                                   |                                    |
| CAN                                                              | IARC                              | Group 2b - Possibly carcinogenic to humans**                                                                                                                |                                                   |                                    |
| EYE                                                              | GHS - New Zealand                 | Eye irritation category 2**                                                                                                                                 |                                                   |                                    |
| CAN                                                              | GHS - New Zealand                 | Carcinogenicity category 2**                                                                                                                                |                                                   |                                    |
| CAN                                                              | GHS - Japan                       | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]**                                                                                         |                                                   |                                    |
| MAM                                                              | GHS - Japan                       | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]** |                                                   |                                    |
| PHY                                                              | GHS - Japan                       | H251 - Self-heating;; may catch fire [Self-heating substances and mixtures - Category 1]**                                                                  |                                                   |                                    |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE              | NOTIFICATION                                                                                                                                                |                                                   |                                    |
| None found                                                       |                                   | No listings found on Additional Hazard Lists                                                                                                                |                                                   |                                    |

SUBSTANCE NOTES: \*\*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information.

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-12-18 20:50:50

%: 0.0000 - 1.0000

GreenScreen: BM-1

RC: None

NANO: No

SUBSTANCE ROLE: Impurity/Residual

| HAZARD TYPE         | LIST NAME AND SOURCE              | WARNINGS                                                                                                                                                    |
|---------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAN                 | US CDC - Occupational Carcinogens | Occupational Carcinogen**                                                                                                                                   |
| CAN                 | CA EPA - Prop 65                  | Carcinogen - specific to chemical form or exposure route**                                                                                                  |
| CAN                 | US NIH - Report on Carcinogens    | Known to be Human Carcinogen (respirable size - occupational setting)**                                                                                     |
| CAN                 | MAK                               | Carcinogen Group 1 - Substances that cause cancer in man**                                                                                                  |
| CAN                 | IARC                              | Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources**                                                                             |
| CAN                 | IARC                              | Group 1 - Agent is Carcinogenic to humans**                                                                                                                 |
| CAN                 | US NIH - Report on Carcinogens    | Known to be a human Carcinogen**                                                                                                                            |
| CAN                 | GHS - Japan                       | H350 - May cause cancer [Carcinogenicity - Category 1A]**                                                                                                   |
| CAN                 | GHS - Australia                   | H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]**                                                                              |
| CAN                 | GHS - New Zealand                 | Carcinogenicity category 1**                                                                                                                                |
| MAM                 | GHS - Japan                       | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]** |
| GEN                 | GHS - Japan                       | H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]**                                                                         |
| MAM                 | GHS - Australia                   | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]**                   |
| MAM                 | GHS - New Zealand                 | Specific target organ toxicity - repeated exposure category 1**                                                                                             |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE              | NOTIFICATION                                                                                                                                                |
| None found          |                                   | No listings found on Additional Hazard Lists                                                                                                                |

SUBSTANCE NOTES: \*\*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information.

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-12-18 20:56:33

%: 0.0000 - 1.0000

GreenScreen: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Processing regulator

| HAZARD TYPE         | LIST NAME AND SOURCE                  | WARNINGS                                     |
|---------------------|---------------------------------------|----------------------------------------------|
| END                 | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor                |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                  | NOTIFICATION                                 |
| None found          |                                       | No listings found on Additional Hazard Lists |
| SUBSTANCE NOTES:    |                                       |                                              |

AMIDES, C8-18 AND C18-UNSATD., N,N-BIS(HYDROXYETHYL)

ID: 68155-07-7

|                                                                  |                                             |                                                   |                                              |                                    |
|------------------------------------------------------------------|---------------------------------------------|---------------------------------------------------|----------------------------------------------|------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                             | HAZARD SCREENING DATE: <b>2025-12-17 14:16:33</b> |                                              |                                    |
| %: <b>0.0000 - 1.0000</b>                                        | GreenScreen: <b>LT-P1</b>                   | RC: <b>None</b>                                   | NANO: <b>No</b>                              | SUBSTANCE ROLE: <b>Anti-static</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                        |                                                   | WARNINGS                                     |                                    |
| MUL                                                              | German FEA - Substances Hazardous to Waters |                                                   | Class 2 - Hazard to Waters                   |                                    |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                        |                                                   | NOTIFICATION                                 |                                    |
| None found                                                       |                                             |                                                   | No listings found on Additional Hazard Lists |                                    |
| SUBSTANCE NOTES:                                                 |                                             |                                                   |                                              |                                    |

ALKENES, C14-16 ALPHA-, SULFONATED, SODIUM SALTS (SULFONIC ACIDS, C14-16-ALKANE HYDROXY AND C14-16-ALKENE, SODIUM SALTS)

ID: 68439-57-6

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            | HAZARD SCREENING DATE: <b>2025-12-17 14:16:15</b>                                               |                 |                                   |
|------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------------------|-----------------|-----------------------------------|
| %: <b>0.0000 - 1.0000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                                                                 | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Surfactant</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE       | WARNINGS                                                                                        |                 |                                   |
| SKI                                                              | GHS - New Zealand          | Skin irritation category 2                                                                      |                 |                                   |
| EYE                                                              | GHS - New Zealand          | Eye irritation category 2                                                                       |                 |                                   |
| SKI                                                              | GHS - Australia            | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                          |                 |                                   |
| REP                                                              | GHS - Japan                | H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2] |                 |                                   |
| AQU                                                              | GHS - Japan                | H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]        |                 |                                   |
| EYE                                                              | GHS - Australia            | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]               |                 |                                   |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE       | NOTIFICATION                                                                                    |                 |                                   |
| None found                                                       |                            | No listings found on Additional Hazard Lists                                                    |                 |                                   |

PYRITHIONE ZINC (ZINC PYRITHIONE)

ID: 13463-41-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2025-12-17 14:16:17

%: 0.0000 - 1.0000 GreenScreen: BM-1 RC: None NANO: No SUBSTANCE ROLE: Antimicrobial Pesticide

| HAZARD TYPE | LIST NAME AND SOURCE                        | WARNINGS                                                                                                                                                  |
|-------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| REP         | EU - Annex VI CMRs                          | Reproductive Toxicity - Category 1B                                                                                                                       |
| MUL         | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters                                                                                                                         |
| REP         | GHS - Japan                                 | H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]                                                                     |
| MAM         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]                   |
| AQU         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                                                             |
| AQU         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]                                 |
| MAM         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]                                                                                            |
| EYE         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]                                                                         |
| MAM         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2]                                                                                   |
| DEV         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H360D - May damage the unborn child [Reproductive toxicity - Category 1A or 1B]                                                                           |
| MAM         | GHS - Japan                                 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM         | GHS - Australia                             | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]                   |
| MAM         | GHS - Japan                                 | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]                                          |
| EYE         | GHS - Japan                                 | H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]                                                                       |
| SKI         | GHS - Japan                                 | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                                                                                  |
| AQU         | GHS - Japan                                 | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                                                             |
| AQU         | GHS - Japan                                 | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]                                 |

|                     |                                                          |                                                                                                                                |
|---------------------|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| AQU                 | GHS - Australia                                          | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]      |
| MAM                 | GHS - Australia                                          | H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]                                                                 |
| MAM                 | GHS - Australia                                          | H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2]                                                        |
| EYE                 | GHS - Australia                                          | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]                                              |
| MAM                 | GHS - Japan                                              | H330 - Fatal if inhaled [Acute toxicity (inhalation: dust, mist) - Category 2]                                                 |
| MAM                 | GHS - Japan                                              | H301 - Toxic if swallowed [Acute Toxicity (oral) - Category 3]                                                                 |
| REP                 | EU - REACH Annex XVII CMRs                               | Reproductive toxicants: Category 1B                                                                                            |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                     | NOTIFICATION                                                                                                                   |
| RESTRICTED LIST     | Perkins+Will (P+W)                                       | P&W - Precautionary List<br><br>Precautionary list of substances recommended for avoidance                                     |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)                    | GSPI - Six Classes Precautionary List<br><br>Antimicrobials                                                                    |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>All Products                         |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>Children's Toy Products              |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>Cosmetics and Personal Care Products |
| SUBSTANCE NOTES:    |                                                          |                                                                                                                                |

WATER

ID: 7732-18-5

|                                                                  |                          |                 |                                                   |                                        |  |
|------------------------------------------------------------------|--------------------------|-----------------|---------------------------------------------------|----------------------------------------|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          |                 | HAZARD SCREENING DATE: <b>2025-12-17 14:16:18</b> |                                        |  |
| ?: <b>0.0000 - 1.0000</b>                                        | GreenScreen: <b>BM-4</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Polymer species</b> |  |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE     | WARNINGS        |                                                   |                                        |  |
| None found                                                       |                          |                 | No warnings found on HPD Priority Hazard Lists    |                                        |  |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                         | NOTIFICATION                                                                              |
|---------------------|----------------------------------------------|-------------------------------------------------------------------------------------------|
| EXEMPT              | European Union / European Commission (EU EC) | EU - REACH Exemptions<br><br>Exempted from REACH Annex IV listing due to intrinsic safety |
| SUBSTANCE NOTES:    |                                              |                                                                                           |

C.I. PIGMENT RED 149 (ANTHRA[2,1,9-DEF:6,5,10-D'E'F'] DIISOQUINOLINE-1,3,8,10(2H,9H)-TETRONE, 2,9-BIS(3,5-DIMETHYLPHENYL)-)

ID: 4948-15-6

|                                                                  |                           |                                                   |                 |                                |
|------------------------------------------------------------------|---------------------------|---------------------------------------------------|-----------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                           | HAZARD SCREENING DATE: <b>2025-12-17 14:16:23</b> |                 |                                |
| %: <b>0.0000 - 1.0000</b>                                        | GreenScreen: <b>LT-P1</b> | RC: <b>None</b>                                   | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Pigment</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE      | WARNINGS                                          |                 |                                |
| None found                                                       |                           | No warnings found on HPD Priority Hazard Lists    |                 |                                |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE      | NOTIFICATION                                      |                 |                                |
| None found                                                       |                           | No listings found on Additional Hazard Lists      |                 |                                |
| SUBSTANCE NOTES:                                                 |                           |                                                   |                 |                                |

PIGMENT BLUE 15 (C. I. PIGMENT BLUE 15)

ID: 147-14-8

|                                                                  |                                                         |                                                                                    |                                                |                                |
|------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                                         | HAZARD SCREENING DATE: <b>2025-12-17 14:16:24</b>                                  |                                                |                                |
| %: <b>0.0000 - 1.0000</b>                                        | GreenScreen: <b>BM-3</b>                                | RC: <b>None</b>                                                                    | NANO: <b>No</b>                                | SUBSTANCE ROLE: <b>Pigment</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                                    |                                                                                    | WARNINGS                                       |                                |
| None found                                                       |                                                         |                                                                                    | No warnings found on HPD Priority Hazard Lists |                                |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                                    |                                                                                    | NOTIFICATION                                   |                                |
| POSITIVE LIST                                                    | US Environmental Protection Agency (US EPA)             | US EPA - DfE Safer Chemicals Ingredients list (SCIL)                               |                                                |                                |
|                                                                  |                                                         | Colorants - Green Circle (Verified Low Concern)                                    |                                                |                                |
| RESTRICTED LIST                                                  | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 |                                                |                                |
|                                                                  |                                                         | Cosmetics and Personal Care Products                                               |                                                |                                |
| SUBSTANCE NOTES:                                                 |                                                         |                                                                                    |                                                |                                |

CHROME RUTILE YELLOW (C.I. PIGMENT BROWN 24)

ID: 68186-90-3

|                                                           |                                                          |                                                                                    |                                            |                         |
|-----------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------|-------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                                                          |                                                                                    | HAZARD SCREENING DATE: 2025-12-17 14:16:25 |                         |
| %: 0.0000 - 1.0000                                        | GreenScreen: BM-1                                        | RC: None                                                                           | NANO: No                                   | SUBSTANCE ROLE: Pigment |
| HAZARD TYPE                                               | LIST NAME AND SOURCE                                     | WARNINGS                                                                           |                                            |                         |
| None found                                                |                                                          | No warnings found on HPD Priority Hazard Lists                                     |                                            |                         |
| ADDITIONAL LISTINGS                                       | LIST NAME AND SOURCE                                     | NOTIFICATION                                                                       |                                            |                         |
| RESTRICTED LIST                                           | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 |                                            |                         |
|                                                           |                                                          | Children's Toy Products                                                            |                                            |                         |
| SUBSTANCE NOTES:                                          |                                                          |                                                                                    |                                            |                         |

PHthalocyanine green (C.I. Pigment Green 7)

ID: 1328-53-6

|                                                                  |                                                          |                                                                                    |                                                |                                |
|------------------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                                          | HAZARD SCREENING DATE: <b>2025-12-17 14:16:27</b>                                  |                                                |                                |
| %: <b>0.0000 - 1.0000</b>                                        | GreenScreen: <b>LT-UNK</b>                               | RC: <b>None</b>                                                                    | NANO: <b>No</b>                                | SUBSTANCE ROLE: <b>Pigment</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                                     |                                                                                    | WARNINGS                                       |                                |
| None found                                                       |                                                          |                                                                                    | No warnings found on HPD Priority Hazard Lists |                                |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                                     |                                                                                    | NOTIFICATION                                   |                                |
| POSITIVE LIST                                                    | US Environmental Protection Agency (US EPA)              | US EPA - DfE Safer Chemicals Ingredients list (SCIL)                               |                                                |                                |
|                                                                  |                                                          | Colorants - Green Circle (Verified Low Concern)                                    |                                                |                                |
| RESTRICTED LIST                                                  | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 |                                                |                                |
|                                                                  |                                                          | Cosmetics and Personal Care Products                                               |                                                |                                |
| SUBSTANCE NOTES:                                                 |                                                          |                                                                                    |                                                |                                |

ACID YELLOW 121 (CHROMATE(1-), BIS[2-[(4,5-DIHYDRO-3-METHYL- 5-OXO-1-PHENYL-1H-PYRAZOL-4-YL)AZO]BENZOATO(2 -)]-, HYDROGEN)

ID: 5601-29-6

|                                                                  |                                                          |                 |                                                                                    |                                |
|------------------------------------------------------------------|----------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                                          |                 | HAZARD SCREENING DATE: <b>2025-12-17 14:16:28</b>                                  |                                |
| %: <b>0.0000 - 1.0000</b>                                        | GreenScreen: <b>LT-P1</b>                                | RC: <b>None</b> | NANO: <b>No</b>                                                                    | SUBSTANCE ROLE: <b>Pigment</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                                     |                 | WARNINGS                                                                           |                                |
| SKI                                                              | MAK                                                      |                 | Sensitizing Substance Sh - Danger of skin sensitization                            |                                |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                                     |                 | NOTIFICATION                                                                       |                                |
| RESTRICTED LIST                                                  | Cradle to Cradle Products Innovation Institute (C2CP II) |                 | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 |                                |
|                                                                  |                                                          |                 | Children's Toy Products                                                            |                                |

SUBSTANCE NOTES:

PIGMENT VIOLET 23

ID: 6358-30-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library      HAZARD SCREENING DATE: 2025-12-17 14:16:31

|                     |                                                         |                                                                                    |          |                         |
|---------------------|---------------------------------------------------------|------------------------------------------------------------------------------------|----------|-------------------------|
| %, 0.0000 - 1.0000  | GreenScreen: LT-UNK                                     | RC: None                                                                           | NANO: No | SUBSTANCE ROLE: Pigment |
| HAZARD TYPE         | LIST NAME AND SOURCE                                    | WARNINGS                                                                           |          |                         |
| EYE                 | GHS - New Zealand                                       | Eye irritation category 2                                                          |          |                         |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                    | NOTIFICATION                                                                       |          |                         |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 |          |                         |
|                     |                                                         | Cosmetics and Personal Care Products                                               |          |                         |

SUBSTANCE NOTES:

DIOLAMINE (DIETHANOLAMINE)

ID: 111-42-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library      HAZARD SCREENING DATE: 2025-12-17 14:16:35

|                    |                   |          |          |                          |
|--------------------|-------------------|----------|----------|--------------------------|
| %, 0.0000 - 1.0000 | GreenScreen: BM-1 | RC: None | NANO: No | SUBSTANCE ROLE: Residual |
|--------------------|-------------------|----------|----------|--------------------------|

| HAZARD TYPE         | LIST NAME AND SOURCE                        | WARNINGS                                                                                                                                                  |
|---------------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAN                 | MAK                                         | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification                                                              |
| END                 | TEDX - Potential Endocrine Disruptors       | Potential Endocrine Disruptor                                                                                                                             |
| SKI                 | MAK                                         | Sensitizing Substance Sh - Danger of skin sensitization                                                                                                   |
| CAN                 | CA EPA - Prop 65                            | Carcinogen                                                                                                                                                |
| CAN                 | IARC                                        | Group 2b - Possibly carcinogenic to humans                                                                                                                |
| MUL                 | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters                                                                                                                                |
| SKI                 | EU - GHS (H-Statements) Annex 6 Table 3-1   | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                                    |
| EYE                 | EU - GHS (H-Statements) Annex 6 Table 3-1   | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]                                                                         |
| SKI                 | GHS - New Zealand                           | Skin irritation category 2                                                                                                                                |
| SKI                 | GHS - Australia                             | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                                    |
| CAN                 | GHS - Japan                                 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                                                         |
| MAM                 | GHS - Japan                                 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM                 | GHS - Japan                                 | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]                                          |
| EYE                 | GHS - New Zealand                           | Serious eye damage category 1                                                                                                                             |
| EYE                 | GHS - Japan                                 | H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]                                                                       |
| SKI                 | GHS - Japan                                 | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                                                                                  |
| AQU                 | GHS - New Zealand                           | Hazardous to the aquatic environment - chronic category 3                                                                                                 |
| MAM                 | GHS - Japan                                 | H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure - Category 2]                                       |
| REP                 | GHS - Japan                                 | H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]                                                           |
| AQU                 | GHS - Japan                                 | H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]                                                                  |
| EYE                 | GHS - Australia                             | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]                                                                         |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                        | NOTIFICATION                                                                                                                                              |
| None found          |                                             | No listings found on Additional Hazard Lists                                                                                                              |

SUBSTANCE NOTES:

PERYLIMID (PIGMENT VIOLET 29)

ID: 81-33-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2025-12-17 14:16:32

%: 0.0000 - 1.0000 GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Pigment

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS                                       |
|-------------|----------------------|------------------------------------------------|
| None found  |                      | No warnings found on HPD Priority Hazard Lists |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION                                 |
|---------------------|----------------------|----------------------------------------------|
| None found          |                      | No listings found on Additional Hazard Lists |

SUBSTANCE NOTES:

NICKEL, 5,5'-AZOBIS-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE COMPLEXES

ID: 68511-62-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2025-12-17 14:17:13

%: 0.0000 - 0.1000 GreenScreen: LT-1 RC: None NANO: No SUBSTANCE ROLE: Pigment

| HAZARD TYPE | LIST NAME AND SOURCE           | WARNINGS                                  |
|-------------|--------------------------------|-------------------------------------------|
| CAN         | IARC                           | Group 1 - Agent is Carcinogenic to humans |
| CAN         | CA EPA - Prop 65               | Carcinogen                                |
| CAN         | US NIH - Report on Carcinogens | Known to be a human Carcinogen            |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                  | NOTIFICATION                                            |
|---------------------|---------------------------------------|---------------------------------------------------------|
| RESTRICTED LIST     | Green Science Policy Institute (GSPI) | GSPI - Six Classes Precautionary List<br>Certain Metals |

|                 |                                                         |                                                                                                               |
|-----------------|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br>Children's Toy Products |
|-----------------|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|

SUBSTANCE NOTES:

POLYETHYLENE

ID: 9002-88-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2025-12-17 14:16:43

%: 0.0000 - 0.1000 GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Polymer species

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS                                       |
|-------------|----------------------|------------------------------------------------|
| None found  |                      | No warnings found on HPD Priority Hazard Lists |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION                                 |
|---------------------|----------------------|----------------------------------------------|
| None found          |                      | No listings found on Additional Hazard Lists |
| SUBSTANCE NOTES:    |                      |                                              |

TRIS(3,5-DI-TERT-BUTYL-4-HYDROXYBENZYL) ISOCYANURATE (1,3,5-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE, 1,3,5-TRIS[[3,5-BIS(1,1-DIMETHYLETHYL) -4-HYDROXYPHENYL]METHYL]-)ID: 27676-62-6

|                                                                  |                            |                                                   |                 |                                |
|------------------------------------------------------------------|----------------------------|---------------------------------------------------|-----------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            | HAZARD SCREENING DATE: <b>2025-12-17 14:16:44</b> |                 |                                |
| %: <b>0.0000 - 0.1000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                   | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Pigment</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE       | WARNINGS                                          |                 |                                |
| None found                                                       |                            | No warnings found on HPD Priority Hazard Lists    |                 |                                |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE       | NOTIFICATION                                      |                 |                                |
| None found                                                       |                            | No listings found on Additional Hazard Lists      |                 |                                |
| SUBSTANCE NOTES:                                                 |                            |                                                   |                 |                                |

(Z)-N-OCTADECYLDOCOS-13-ENAMIDE (13-DOCOSENAMIDE, N-OCTADECYL-, (Z)-)ID: 10094-45-8

|                                                                  |                            |                                                   |                 |                                           |
|------------------------------------------------------------------|----------------------------|---------------------------------------------------|-----------------|-------------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            | HAZARD SCREENING DATE: <b>2025-12-17 14:16:45</b> |                 |                                           |
| %: <b>0.0000 - 0.1000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                   | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Viscosity modifier</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE       | WARNINGS                                          |                 |                                           |
| None found                                                       |                            | No warnings found on HPD Priority Hazard Lists    |                 |                                           |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE       | NOTIFICATION                                      |                 |                                           |
| None found                                                       |                            | No listings found on Additional Hazard Lists      |                 |                                           |
| SUBSTANCE NOTES:                                                 |                            |                                                   |                 |                                           |

AI 3-01744 (1H-IMIDAZOLE-1-ETHANOL, 2-(HEPTADECENYL)-4,5-DIHYDRO-)ID: 27136-73-8

|                                                           |                    |                                            |          |                         |
|-----------------------------------------------------------|--------------------|--------------------------------------------|----------|-------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                    | HAZARD SCREENING DATE: 2025-12-17 14:16:46 |          |                         |
| %: 0.0000 - 0.1000                                        | GreenScreen: LT-P1 | RC: None                                   | NANO: No | SUBSTANCE ROLE: Pigment |
|                                                           |                    |                                            |          |                         |

| HAZARD TYPE         | LIST NAME AND SOURCE                        | WARNINGS                                                                                             |
|---------------------|---------------------------------------------|------------------------------------------------------------------------------------------------------|
| MUL                 | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters                                                                           |
| SKI                 | GHS - Australia                             | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C] |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                        | NOTIFICATION                                                                                         |
| None found          |                                             | No listings found on Additional Hazard Lists                                                         |
| SUBSTANCE NOTES:    |                                             |                                                                                                      |

AMINOETHYL ETHANOLAMINE (2-(2-AMINOETHYLAMINO)ETHANOL)

ID: 111-41-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-12-17 14:16:47

%: 0.0000 - 0.1000

GreenScreen: LT-1

RC: None

NANO: No

SUBSTANCE ROLE: Pigment

| HAZARD TYPE | LIST NAME AND SOURCE                      | WARNINGS                                                                                                          |
|-------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| REP         | EU - Annex VI CMRs                        | Reproductive Toxicity - Category 1B                                                                               |
| MUL         | ChemSec - SIN List                        | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant                                                              |
| REP         | GHS - Japan                               | H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]                             |
| DEV         | GHS - Australia                           | H360Df - May damage the unborn child. Suspected of damaging fertility [Reproductive toxicity - Category 1A or 1B] |
| SKI         | EU - GHS (H-Statements) Annex 6 Table 3-1 | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]              |
| DEV         | EU - GHS (H-Statements) Annex 6 Table 3-1 | H360Df - May damage the unborn child. Suspected of damaging fertility [Reproductive toxicity - Category 1A or 1B] |
| REP         | GHS - New Zealand                         | Reproductive toxicity category 1                                                                                  |
| SKI         | GHS - New Zealand                         | Skin corrosion category 1C                                                                                        |
| EYE         | GHS - New Zealand                         | Serious eye damage category 1                                                                                     |
| EYE         | GHS - Japan                               | H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]                               |
| SKI         | GHS - Australia                           | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]              |
| SKI         | GHS - New Zealand                         | Skin sensitisation category 1                                                                                     |
| SKI         | GHS - Japan                               | H314 - Causes severe skin burns and eye damage [Skin corrosion / irritation - Category 1B]                        |
| REP         | EU - REACH Annex XVII CMRs                | Reproductive toxicants: Category 1B                                                                               |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                    | NOTIFICATION                                                                                                                   |
|---------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)                   | GSPI - Six Classes Precautionary List<br><br>Some Solvents                                                                     |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>All Products                         |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>Cosmetics and Personal Care Products |
| SUBSTANCE NOTES:    |                                                         |                                                                                                                                |

2-PROPENOIC ACID, POLYMER WITH ETHENE, ZINC SALT

ID: 28208-80-2

|                                                                  |                            |                                                   |                                                |                                |
|------------------------------------------------------------------|----------------------------|---------------------------------------------------|------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            | HAZARD SCREENING DATE: <b>2025-12-17 14:16:49</b> |                                                |                                |
| %: <b>0.0000 - 0.1000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                   | NANO: <b>No</b>                                | SUBSTANCE ROLE: <b>Pigment</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE       |                                                   | WARNINGS                                       |                                |
| None found                                                       |                            |                                                   | No warnings found on HPD Priority Hazard Lists |                                |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE       |                                                   | NOTIFICATION                                   |                                |
| None found                                                       |                            |                                                   | No listings found on Additional Hazard Lists   |                                |
| SUBSTANCE NOTES:                                                 |                            |                                                   |                                                |                                |

9-OCTADECENAMIDE, N-(2-AMINOETHYL)-N-(2-HYDROXYETHYL)-, (9Z)-

ID: 93-81-2

|                                                                  |                          |                                                   |                 |                                |
|------------------------------------------------------------------|--------------------------|---------------------------------------------------|-----------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          | HAZARD SCREENING DATE: <b>2025-12-17 14:16:50</b> |                 |                                |
| %: <b>0.0000 - 0.1000</b>                                        | GreenScreen: <b>NoGS</b> | RC: <b>None</b>                                   | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Pigment</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE     | WARNINGS                                          |                 |                                |
| None found                                                       |                          | No warnings found on HPD Priority Hazard Lists    |                 |                                |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE     | NOTIFICATION                                      |                 |                                |
| None found                                                       |                          | No listings found on Additional Hazard Lists      |                 |                                |
| SUBSTANCE NOTES:                                                 |                          |                                                   |                 |                                |

|                                                                  |                          |                 |                                                                                                                         |                                  |
|------------------------------------------------------------------|--------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          |                 | HAZARD SCREENING DATE: <b>2025-12-17 14:17:18</b>                                                                       |                                  |
| %: <b>0.0000 - 0.1000</b>                                        | GreenScreen: <b>BM-2</b> | RC: <b>None</b> | NANO: <b>No</b>                                                                                                         | SUBSTANCE ROLE: <b>Lubricant</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE     |                 | WARNINGS                                                                                                                |                                  |
| REP                                                              | GHS - Japan              |                 | H361 - Suspected of damaging fertility or the unborn child<br>[Toxic to reproduction - Category 2]                      |                                  |
| AQU                                                              | GHS - Japan              |                 | H411 - Toxic to aquatic life with long lasting effects<br>[Hazardous to the aquatic environment (chronic) - Category 2] |                                  |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE     |                 | NOTIFICATION                                                                                                            |                                  |
| None found                                                       |                          |                 | No listings found on Additional Hazard Lists                                                                            |                                  |
| SUBSTANCE NOTES:                                                 |                          |                 |                                                                                                                         |                                  |

|                                                                  |                                           |                 |                                                                                                                      |                                  |
|------------------------------------------------------------------|-------------------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                           |                 | HAZARD SCREENING DATE: <b>2025-12-17 14:17:17</b>                                                                    |                                  |
| %: <b>0.0000 - 0.1000</b>                                        | GreenScreen: <b>BM-2</b>                  | RC: <b>None</b> | NANO: <b>No</b>                                                                                                      | SUBSTANCE ROLE: <b>Lubricant</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                      |                 | WARNINGS                                                                                                             |                                  |
| CAN                                                              | MAK                                       |                 | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification                         |                                  |
| AQU                                                              | GHS - Japan                               |                 | H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]                             |                                  |
| AQU                                                              | GHS - Japan                               |                 | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2] |                                  |
| MAM                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1 |                 | H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]                                 |                                  |
| MAM                                                              | GHS - Australia                           |                 | H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]                                 |                                  |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                      |                 | NOTIFICATION                                                                                                         |                                  |
| RESTRICTED LIST                                                  | Green Science Policy Institute (GSPI)     |                 | GSPI - Six Classes Precautionary List                                                                                |                                  |
|                                                                  |                                           |                 | Some Solvents                                                                                                        |                                  |
| SUBSTANCE NOTES:                                                 |                                           |                 |                                                                                                                      |                                  |

%: **0.0000 - 0.1000**

GreenScreen: **LT-P1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Antimicrobial Pesticide**

| HAZARD TYPE | LIST NAME AND SOURCE                        | WARNINGS                                                                                                                                                  |
|-------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| END         | TEDX - Potential Endocrine Disruptors       | Potential Endocrine Disruptor                                                                                                                             |
| SKI         | MAK                                         | Sensitizing Substance Sh - Danger of skin sensitization                                                                                                   |
| MUL         | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters                                                                                                                         |
| SKI         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                                    |
| MAM         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]                   |
| AQU         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                                                             |
| AQU         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]                                 |
| MAM         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]                                                                                            |
| EYE         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]                                                                         |
| MAM         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2]                                                                                   |
| MAM         | GHS - Japan                                 | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]                                                   |
| MAM         | GHS - Japan                                 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| EYE         | GHS - Japan                                 | H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]                                                                       |
| SKI         | GHS - Japan                                 | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                                                                                  |
| AQU         | GHS - Japan                                 | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                                                             |
| AQU         | GHS - Japan                                 | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]                                 |
| AQU         | GHS - Australia                             | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]                                 |
| MAM         | GHS - Australia                             | H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]                                                                                            |
| MAM         | GHS - Australia                             | H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]                                                                                        |
| EYE         | GHS - Australia                             | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]                                                                         |

|                     |                                       |                                                                                |
|---------------------|---------------------------------------|--------------------------------------------------------------------------------|
| MAM                 | GHS - Japan                           | H330 - Fatal if inhaled [Acute toxicity (inhalation: dust, mist) - Category 2] |
| MAM                 | GHS - Japan                           | H301 - Toxic if swallowed [Acute Toxicity (oral) - Category 3]                 |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                  | NOTIFICATION                                                                   |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI) | GSPI - Six Classes Precautionary List                                          |
|                     |                                       | Antimicrobials                                                                 |

SUBSTANCE NOTES:

IRGANOX 1010 (BENZENEPROPANOIC ACID, 3,5-BIS(1,1-DIMETHYLETHYL)-4-HYDROXY-, 2,2-BIS[[3-[3,5-BIS(1,1-DIMETHYLETHYL) -4-HYDROXYPHENYL]-1-OXOPROPOXY]METHYL ]-1,3-PROPANEDIYL ESTER) ID: 6683-19-8

|                                                                  |                                             |                                                                  |                                                   |                                    |
|------------------------------------------------------------------|---------------------------------------------|------------------------------------------------------------------|---------------------------------------------------|------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                             |                                                                  | HAZARD SCREENING DATE: <b>2025-12-17 14:17:14</b> |                                    |
| %: <b>0.0000 - 0.1000</b>                                        | GreenScreen: <b>LT-UNK</b>                  | RC: <b>None</b>                                                  | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Antioxidant</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                        | WARNINGS                                                         |                                                   |                                    |
| None found                                                       |                                             | No warnings found on HPD Priority Hazard Lists                   |                                                   |                                    |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                        | NOTIFICATION                                                     |                                                   |                                    |
| POSITIVE LIST                                                    | US Environmental Protection Agency (US EPA) | US EPA - DfE Safer Chemicals Ingredients list (SCIL)             |                                                   |                                    |
|                                                                  |                                             | Preservatives-Antioxidants - Green Circle (Verified Low Concern) |                                                   |                                    |

SUBSTANCE NOTES:

TK 12627 (BENZENEPROPANOIC ACID, 3-(1,1-DIMETHYLETHYL)-4-HYDROXY-5-METHYL-, 1,2-ETHANEDIYLBIS(OXY-2,1-ETHANEDIYL) ESTER) ID: 36443-68-2

|                                                                  |                                             |                                              |                                                   |                                    |
|------------------------------------------------------------------|---------------------------------------------|----------------------------------------------|---------------------------------------------------|------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                             |                                              | HAZARD SCREENING DATE: <b>2025-12-17 14:16:51</b> |                                    |
| %: <b>0.0000 - 0.1000</b>                                        | GreenScreen: <b>LT-P1</b>                   | RC: <b>None</b>                              | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Antioxidant</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                        | WARNINGS                                     |                                                   |                                    |
| MUL                                                              | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters                   |                                                   |                                    |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                        | NOTIFICATION                                 |                                                   |                                    |
| None found                                                       |                                             | No listings found on Additional Hazard Lists |                                                   |                                    |

SUBSTANCE NOTES:

|                                                                  |                            |                                                |                                                   |                                |
|------------------------------------------------------------------|----------------------------|------------------------------------------------|---------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                                                | HAZARD SCREENING DATE: <b>2025-12-17 14:17:11</b> |                                |
| #: <b>0.0000 - 0.1000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Pigment</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE       | WARNINGS                                       |                                                   |                                |
| None found                                                       |                            | No warnings found on HPD Priority Hazard Lists |                                                   |                                |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE       | NOTIFICATION                                   |                                                   |                                |
| None found                                                       |                            | No listings found on Additional Hazard Lists   |                                                   |                                |
| SUBSTANCE NOTES:                                                 |                            |                                                |                                                   |                                |

|                                                                  |                          |                                                |                                                   |                                |
|------------------------------------------------------------------|--------------------------|------------------------------------------------|---------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          |                                                | HAZARD SCREENING DATE: <b>2025-12-17 14:17:08</b> |                                |
| #: <b>0.0000 - 0.1000</b>                                        | GreenScreen: <b>BM-1</b> | RC: <b>None</b>                                | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Pigment</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE     | WARNINGS                                       |                                                   |                                |
| None found                                                       |                          | No warnings found on HPD Priority Hazard Lists |                                                   |                                |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE     | NOTIFICATION                                   |                                                   |                                |
| None found                                                       |                          | No listings found on Additional Hazard Lists   |                                                   |                                |
| SUBSTANCE NOTES:                                                 |                          |                                                |                                                   |                                |

|                                                                  |                            |                                                   |                 |                                   |
|------------------------------------------------------------------|----------------------------|---------------------------------------------------|-----------------|-----------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            | HAZARD SCREENING DATE: <b>2025-12-17 14:17:07</b> |                 |                                   |
| #: <b>0.0000 - 0.1000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                   | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Emulsifier</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE       | WARNINGS                                          |                 |                                   |
| None found                                                       |                            | No warnings found on HPD Priority Hazard Lists    |                 |                                   |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE       | NOTIFICATION                                      |                 |                                   |
| None found                                                       |                            | No listings found on Additional Hazard Lists      |                 |                                   |
| SUBSTANCE NOTES:                                                 |                            |                                                   |                 |                                   |

|                                                                  |  |  |                                                   |  |
|------------------------------------------------------------------|--|--|---------------------------------------------------|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |  |  | HAZARD SCREENING DATE: <b>2025-12-17 14:17:06</b> |  |
|------------------------------------------------------------------|--|--|---------------------------------------------------|--|

|                     |                      |                                                |          |                         |
|---------------------|----------------------|------------------------------------------------|----------|-------------------------|
| %: 0.0000 - 0.1000  | GreenScreen: LT-UNK  | RC: None                                       | NANO: No | SUBSTANCE ROLE: Pigment |
| HAZARD TYPE         | LIST NAME AND SOURCE | WARNINGS                                       |          |                         |
| None found          |                      | No warnings found on HPD Priority Hazard Lists |          |                         |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION                                   |          |                         |
| None found          |                      | No listings found on Additional Hazard Lists   |          |                         |
| SUBSTANCE NOTES:    |                      |                                                |          |                         |

**TRIS(2,4-DI-TERT-BUTYLPHENYL) PHOSPHITE (PHENOL, 2,4-BIS(1,1-DIMETHYLETHYL)-, PHOSPHITE (3:1))**

ID: **31570-04-4**

|                                                                  |                            |                                                   |                 |                                    |
|------------------------------------------------------------------|----------------------------|---------------------------------------------------|-----------------|------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            | HAZARD SCREENING DATE: <b>2025-12-17 14:17:04</b> |                 |                                    |
| %: <b>0.0000 - 0.1000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                   | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Antioxidant</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE       | WARNINGS                                          |                 |                                    |
| None found                                                       |                            | No warnings found on HPD Priority Hazard Lists    |                 |                                    |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE       | NOTIFICATION                                      |                 |                                    |
| None found                                                       |                            | No listings found on Additional Hazard Lists      |                 |                                    |
| SUBSTANCE NOTES:                                                 |                            |                                                   |                 |                                    |

**PETROLEUM RESINS**

ID: **64742-16-1**

|                                                                  |                            |                                                   |                 |                                  |
|------------------------------------------------------------------|----------------------------|---------------------------------------------------|-----------------|----------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            | HAZARD SCREENING DATE: <b>2025-12-17 14:17:03</b> |                 |                                  |
| %: <b>0.0000 - 0.1000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                   | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Tackifier</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE       | WARNINGS                                          |                 |                                  |
| None found                                                       |                            | No warnings found on HPD Priority Hazard Lists    |                 |                                  |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE       | NOTIFICATION                                      |                 |                                  |
| None found                                                       |                            | No listings found on Additional Hazard Lists      |                 |                                  |
| SUBSTANCE NOTES:                                                 |                            |                                                   |                 |                                  |

**ZINC STEARATE (OCTADECANOIC ACID, ZINC SALT)**

ID: **557-05-1**

|                                                                  |                            |                 |                                                   |                                  |
|------------------------------------------------------------------|----------------------------|-----------------|---------------------------------------------------|----------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                 | HAZARD SCREENING DATE: <b>2025-12-17 14:17:01</b> |                                  |
| %: <b>0.0000 - 0.1000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Lubricant</b> |

| HAZARD TYPE         | LIST NAME AND SOURCE                                    | WARNINGS                                                                                                          |
|---------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| AQU                 | GHS - New Zealand                                       | Hazardous to the aquatic environment - acute category 1                                                           |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                    | NOTIFICATION                                                                                                      |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>Children's Toy Products |
| SUBSTANCE NOTES:    |                                                         |                                                                                                                   |

MELAMINE

ID: 108-78-1

|                                                                  |                                                         |                 |                                                                                                                                                           |                                         |
|------------------------------------------------------------------|---------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                                         |                 | HAZARD SCREENING DATE: <b>2025-12-17 14:16:59</b>                                                                                                         |                                         |
| %: <b>0.0000 - 0.1000</b>                                        | GreenScreen: <b>LT-P1</b>                               | RC: <b>None</b> | NANO: <b>No</b>                                                                                                                                           | SUBSTANCE ROLE: <b>Water resistance</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                                    |                 | WARNINGS                                                                                                                                                  |                                         |
| END                                                              | TEDX - Potential Endocrine Disruptors                   |                 | Potential Endocrine Disruptor                                                                                                                             |                                         |
| CAN                                                              | IARC                                                    |                 | Group 2b - Possibly carcinogenic to humans                                                                                                                |                                         |
| MUL                                                              | German FEA - Substances Hazardous to Waters             |                 | Class 2 - Hazard to Waters                                                                                                                                |                                         |
| CAN                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1               |                 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                                                         |                                         |
| CAN                                                              | GHS - Japan                                             |                 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                                                         |                                         |
| MAM                                                              | GHS - Japan                                             |                 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |                                         |
| MAM                                                              | GHS - Australia                                         |                 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]                   |                                         |
| CAN                                                              | EU - Annex VI CMRs                                      |                 | Carcinogen Category 2 - Suspected human Carcinogen                                                                                                        |                                         |
| CAN                                                              | GHS - Australia                                         |                 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                                                         |                                         |
| MAM                                                              | EU - SVHC List                                          |                 | Equivalent Concern - Prioritization List                                                                                                                  |                                         |
| MAM                                                              | EU - SVHC List                                          |                 | Equivalent Concern - Candidate List                                                                                                                       |                                         |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                                    |                 | NOTIFICATION                                                                                                                                              |                                         |
| RESTRICTED LIST                                                  | Cradle to Cradle Products Innovation Institute (C2CPII) |                 | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025                                                                        |                                         |
|                                                                  |                                                         |                 | Cosmetics and Personal Care Products                                                                                                                      |                                         |
| SUBSTANCE NOTES:                                                 |                                                         |                 |                                                                                                                                                           |                                         |

|                                                                  |                            |                                                |                                                   |                                        |
|------------------------------------------------------------------|----------------------------|------------------------------------------------|---------------------------------------------------|----------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                                                | HAZARD SCREENING DATE: <b>2025-12-17 14:16:57</b> |                                        |
| ?: <b>0.0000 - 0.1000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Polymer species</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE       | WARNINGS                                       |                                                   |                                        |
| None found                                                       |                            | No warnings found on HPD Priority Hazard Lists |                                                   |                                        |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE       | NOTIFICATION                                   |                                                   |                                        |
| None found                                                       |                            | No listings found on Additional Hazard Lists   |                                                   |                                        |
| SUBSTANCE NOTES:                                                 |                            |                                                |                                                   |                                        |

|                                                                  |                          |                 |                                                   |                                |
|------------------------------------------------------------------|--------------------------|-----------------|---------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          |                 | HAZARD SCREENING DATE: <b>2025-12-17 14:16:56</b> |                                |
| ?: <b>0.0000 - 0.1000</b>                                        | GreenScreen: <b>NoGS</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Pigment</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE     |                 | WARNINGS                                          |                                |
| None found                                                       |                          |                 | No warnings found on HPD Priority Hazard Lists    |                                |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE     |                 | NOTIFICATION                                      |                                |
| None found                                                       |                          |                 | No listings found on Additional Hazard Lists      |                                |
| SUBSTANCE NOTES:                                                 |                          |                 |                                                   |                                |

|                                                                  |                            |                                                |                                                   |                                   |
|------------------------------------------------------------------|----------------------------|------------------------------------------------|---------------------------------------------------|-----------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                                                | HAZARD SCREENING DATE: <b>2025-12-17 14:16:55</b> |                                   |
| ?: <b>0.0000 - 0.1000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Surfactant</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE       | WARNINGS                                       |                                                   |                                   |
| None found                                                       |                            | No warnings found on HPD Priority Hazard Lists |                                                   |                                   |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE       | NOTIFICATION                                   |                                                   |                                   |
| None found                                                       |                            | No listings found on Additional Hazard Lists   |                                                   |                                   |
| SUBSTANCE NOTES:                                                 |                            |                                                |                                                   |                                   |

|                                                           |  |  |                                            |  |
|-----------------------------------------------------------|--|--|--------------------------------------------|--|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |  |  | HAZARD SCREENING DATE: 2025-12-17 14:16:54 |  |
|-----------------------------------------------------------|--|--|--------------------------------------------|--|

|                                                                                                                                                           |                      |                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------------------------|
| <div> <div>%: 0.0000 - 0.1000</div> <div>GreenScreen: LT-UNK</div> <div>RC: None</div> <div>NANO: No</div> <div>SUBSTANCE ROLE: Intermediate</div> </div> |                      |                                                |
| HAZARD TYPE                                                                                                                                               | LIST NAME AND SOURCE | WARNINGS                                       |
| None found                                                                                                                                                |                      | No warnings found on HPD Priority Hazard Lists |
| ADDITIONAL LISTINGS                                                                                                                                       | LIST NAME AND SOURCE | NOTIFICATION                                   |
| None found                                                                                                                                                |                      | No listings found on Additional Hazard Lists   |
| SUBSTANCE NOTES:                                                                                                                                          |                      |                                                |

DOCUSATE SODIUM (BUTANEDIOIC ACID, SULFO-, 1,4-BIS(2-ETHYLHEXYL) ESTER, SODIUM SALT)

ID: 577-11-7

|                                                                  |                                             |                 |                                                                                                               |                                   |  |
|------------------------------------------------------------------|---------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                             |                 | HAZARD SCREENING DATE: <b>2025-12-17 14:16:52</b>                                                             |                                   |  |
| %: <b>0.0000 - 0.1000</b>                                        | GreenScreen: <b>BM-2</b>                    | RC: <b>None</b> | NANO: <b>No</b>                                                                                               | SUBSTANCE ROLE: <b>Surfactant</b> |  |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                        |                 | WARNINGS                                                                                                      |                                   |  |
| MUL                                                              | German FEA - Substances Hazardous to Waters |                 | Class 2 - Hazard to Waters                                                                                    |                                   |  |
| SKI                                                              | GHS - New Zealand                           |                 | Skin irritation category 2                                                                                    |                                   |  |
| SKI                                                              | GHS - Australia                             |                 | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                        |                                   |  |
| EYE                                                              | GHS - New Zealand                           |                 | Serious eye damage category 1                                                                                 |                                   |  |
| SKI                                                              | GHS - Japan                                 |                 | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                                      |                                   |  |
| REP                                                              | GHS - Japan                                 |                 | H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]               |                                   |  |
| EYE                                                              | GHS - Australia                             |                 | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]                             |                                   |  |
| DEV                                                              | GHS - Japan                                 |                 | H362 - May cause harm to breast-fed children [Developmental Toxicity - May cause harm to breast-fed children] |                                   |  |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                        |                 | NOTIFICATION                                                                                                  |                                   |  |
| None found                                                       |                                             |                 | No listings found on Additional Hazard Lists                                                                  |                                   |  |
| SUBSTANCE NOTES:                                                 |                                             |                 |                                                                                                               |                                   |  |

### Section 3: Compliance

*This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.*

| VOC EMISSIONS                                                                                                                          | CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario |                                |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------|
| <b>COMPLIANCE TYPE:</b> Third-party certification                                                                                      | <b>ISSUE DATE:</b> 2013-05-07                                                | <b>EXPIRY DATE:</b> 2026-12-31 |
| <b>CERTIFIER/VERIFIER/TESTING LAB/AUDITOR:</b> The Carpet and Rug Institute                                                            |                                                                              |                                |
| <b>COMPLIANCE DETAILS:</b>                                                                                                             |                                                                              |                                |
| <b>COMPLIANCE SCOPE:</b>                                                                                                               |                                                                              |                                |
| <b>APPLICABLE FACILITIES:</b> 19 North Guotai Rd, Yangshe Town, Zhangjiagang, JiangSu Jiangsu 215638, China                            |                                                                              |                                |
| <b>COMPLIANCE URL:</b> <a href="https://carpet-rug.org/testing/green-label-plus/">https://carpet-rug.org/testing/green-label-plus/</a> |                                                                              |                                |
| <b>COMPLIANCE NOTES:</b>                                                                                                               |                                                                              |                                |

### Section 4: Accessories

*This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.*

No accessories are required for this product.

### Section 5: General Notes

## MANUFACTURER INFORMATION

MANUFACTURER: **Milliken**  
ADDRESS: **19 North Guotai Rd.**  
**Zhangjiagang, Jiangsu Province 215638**  
COUNTRY: **China**

WEBSITE: **floors.milliken.com**  
CONTACT NAME: **Jennifer Smith**  
TITLE: **Sustainability Development Leader**  
PHONE: **706-350-0964**  
EMAIL: **jenniferg.smith@milliken.com**

*The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.*

## KEY

### Hazard Types

|                                       |                                                   |                                                      |
|---------------------------------------|---------------------------------------------------|------------------------------------------------------|
| <b>AQU</b> Aquatic toxicity           | <b>LAN</b> Land toxicity                          | <b>PHY</b> Physical hazard (flammable or reactive)   |
| <b>CAN</b> Cancer                     | <b>MAM</b> Mammalian/systemic/organ toxicity      | <b>REP</b> Reproductive                              |
| <b>DEV</b> Developmental toxicity     | <b>MUL</b> Multiple                               | <b>RES</b> Respiratory sensitization                 |
| <b>END</b> Endocrine activity         | <b>NEU</b> Neurotoxicity                          | <b>SKI</b> Skin sensitization/irritation/corrosivity |
| <b>EYE</b> Eye irritation/corrosivity | <b>NF</b> Not found on Priority Hazard Lists      | <b>UNK</b> Unknown                                   |
| <b>GEN</b> Gene mutation              | <b>OZO</b> Ozone depletion                        |                                                      |
| <b>GLO</b> Global warming             | <b>PBT</b> Persistent, bioaccumulative, and toxic |                                                      |

### GreenScreen (GS)

|                                                                     |                                                                |
|---------------------------------------------------------------------|----------------------------------------------------------------|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)                     | <b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1) |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-1</b> List Translator 1 (Likely Benchmark-1)             |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      | <b>LT-UNK</b> List Translator Benchmark Unknown                |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          | <b>NoGS</b> No GreenScreen.                                    |
| <b>BM-U</b> Benchmark Unspecified (due to insufficient data)        |                                                                |

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://hpd-collaborative.org)).

### Recycled Types

|                                                     |
|-----------------------------------------------------|
| <b>PreC</b> Pre-consumer recycled content           |
| <b>PostC</b> Post-consumer recycled content         |
| <b>UNK</b> Inclusion of recycled content is unknown |
| <b>None</b> Does not include recycled content       |

### Other Terms:

**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

### Inventory Methods:

|                                           |                                                                             |
|-------------------------------------------|-----------------------------------------------------------------------------|
| <b>Nested Method / Material Threshold</b> | Substances listed within each material per threshold indicated per material |
| <b>Nested Method / Product Threshold</b>  | Substances listed within each material per threshold indicated per product  |
| <b>Basic Method / Product Threshold</b>   | Substances listed individually per threshold indicated per product          |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| <b>Nano</b>                  | Composed of nano scale particles or nanotechnology         |
| <b>Third Party Verified</b>  | Verification by independent certifier approved by HPDC     |
| <b>Preparer</b>              | Third party preparer, if not self-prepared by manufacturer |
| <b>Applicable facilities</b> | Manufacturing sites to which testing applies               |

*The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard is not:*

- a method for the assessment of exposure or risk associated with product handling or use,*
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.*

*Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.*

*The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.*

*The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.*