

EXCELSIOR USD-810 B

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

Revision Date: 07/20/2023

Version: 2.4

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: EXCELSIOR USD-810 B

Intended Use of the Product

Use of the Substance/Mixture: No use is specified.

Name, Address, and Telephone of the Responsible Party

Company

RHC
1602 North Union Street
Fostoria, Ohio 44830-1158
866-353-9261

Manufacturer

Helmitin Inc.
11110 Airport Road
Olive Branch, MS 38654
Phone: 877.823.2624
www.helmitin.com

Emergency Telephone Number

Emergency Number : CHEMTREC 1-800-424-9300 / CANUTEC 613-996-6666

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)

Acute Tox. 4 (Oral) H302

Skin Corr. 1B H314

Eye Dam. 1 H318

Skin Sens. 1 H317

Muta. 1B H340

Repr. 2 H361

STOT RE 2 H373

Aquatic Acute 1 H400

Aquatic Chronic 1 H410

Full text of H-phrases: see section 16

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US)

Hazard Statements (GHS-US)

- : Danger
- : H302 - Harmful if swallowed.
H314 - Causes severe skin burns and eye damage.
H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.
H340 - May cause genetic defects.
H361 - Suspected of damaging fertility or the unborn child.
H373 - May cause damage to organs through prolonged or repeated exposure.

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Precautionary Statements (GHS-US) :

- H400 - Very toxic to aquatic life.
- H410 - Very toxic to aquatic life with long lasting effects.
- P260 - Do not breathe vapors, mist, or spray.
- P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P273 - Avoid release to the environment.
- P280 - Wear protective gloves, protective clothing, and eye protection.
- P301+P330+P331+P312 - If swallowed: rinse mouth. Do NOT induce vomiting. Call a poison center or doctor if you feel unwell.
- P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Other Hazards

May be corrosive to respiratory tract.

Unknown Acute Toxicity (GHS-US) Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

| Name | Product Identifier | % (w/w) |
|---|---------------------|---------|
| Fatty acids, C18-unsaturated, dimers, polymers with tall-oil fatty acids and triethylenetetramine | (CAS No) 68082-29-1 | 15 - 40 |
| Tetraethylenepentamine | (CAS No) 112-57-2 | 5 - 10 |
| Cyclohexanamine, 4,4'-methylenebis- | (CAS No) 1761-71-3 | 3 - 7 |
| Nonyl Phenol | (CAS No) 84852-15-3 | 10 - 30 |
| 2,4,6-Tri(dimethylaminomethyl)phenol | (CAS No) 90-72-2 | 5 - 10 |
| Carbon black* | (CAS No) 1333-86-4 | 3 - 7 |
| Titanium Dioxide* | (CAS No) 13463-67-7 | 3 - 7 |

*This product contains a material that may be hazardous when present as an airborne dust. Since this product is in a liquid form, the material is not able to become airborne and cannot be inhaled. Thus, the hazards usually associated with this material are not applicable to this product.

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

Skin Contact: Remove contaminated clothing and shoes. Immediately flush skin with plenty of water for at least 60 minutes. Immediately call a POISON CENTER or doctor. Wash contaminated clothing before reuse.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 60 minutes. Immediately call a POISON CENTER or doctor/physician.

Ingestion: Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

Most Important Symptoms and Effects Both Acute and Delayed

General: Causes severe skin burns and eye damage. May be harmful if swallowed and enters airways. May cause an allergic skin reaction. May cause heritable genetic damage. Suspected of damaging fertility. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure.

Inhalation: May be corrosive to the respiratory tract.

Skin Contact: Causes severe skin burns. Contact may cause immediate severe irritation progressing quickly to chemical burns. Symptoms may include: Redness, pain, swelling, itching, burning, dryness, and dermatitis. May cause an allergic skin reaction.

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Eye Contact: Causes serious eye damage. Symptoms may include: Redness, pain, swelling, itching, burning, tearing, and blurred vision. Causes permanent damage to the cornea, iris, or conjunctiva.

Ingestion: May be fatal if swallowed and enters airways. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

Chronic Symptoms: Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. May cause heritable genetic damage.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Thermal decomposition generates corrosive vapors.

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides (CO, CO₂). Nitrogen oxides, various low molecular weight hydrocarbons, and smoke.

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray).

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Stop leak if safe to do so. Ventilate area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

Reference to Other Sections

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

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Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in corrosive resistant container with a resistant inner liner.

Incompatible Materials: Strong acids. Strong bases. Strong oxidizers.

Specific End Use(s)

No use is specified.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government

| Carbon black (1333-86-4) | | |
|-------------------------------|--------------------------------------|---|
| USA ACGIH | ACGIH TWA (mg/m ³) | 3 mg/m ³ (inhalable fraction) |
| USA ACGIH | ACGIH chemical category | Confirmed Animal Carcinogen with Unknown Relevance to Humans |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 3.5 mg/m ³ |
| USA NIOSH | NIOSH REL (TWA) (mg/m ³) | 3.5 mg/m ³ 0.1 mg/m ³ (Carbon black in presence of Polycyclic aromatic hydrocarbons) |
| USA IDLH | US IDLH (mg/m ³) | 1750 mg/m ³ |
| Alberta | OEL TWA (mg/m ³) | 3.5 mg/m ³ |
| British Columbia | OEL TWA (mg/m ³) | 3 mg/m ³ (inhalable) |
| Manitoba | OEL TWA (mg/m ³) | 3 mg/m ³ (inhalable fraction) |
| New Brunswick | OEL TWA (mg/m ³) | 3.5 mg/m ³ |
| Newfoundland & Labrador | OEL TWA (mg/m ³) | 3 mg/m ³ (inhalable fraction) |
| Nova Scotia | OEL TWA (mg/m ³) | 3 mg/m ³ (inhalable fraction) |
| Nunavut | OEL STEL (mg/m ³) | 7 mg/m ³ |
| Nunavut | OEL TWA (mg/m ³) | 3.5 mg/m ³ |
| Northwest Territories | OEL STEL (mg/m ³) | 7 mg/m ³ |
| Northwest Territories | OEL TWA (mg/m ³) | 3.5 mg/m ³ |
| Ontario | OEL TWA (mg/m ³) | 3 mg/m ³ (inhalable) |
| Prince Edward Island | OEL TWA (mg/m ³) | 3 mg/m ³ (inhalable fraction) |
| Québec | VEMP (mg/m ³) | 3.5 mg/m ³ |
| Saskatchewan | OEL STEL (mg/m ³) | 7 mg/m ³ |
| Saskatchewan | OEL TWA (mg/m ³) | 3.5 mg/m ³ |
| Yukon | OEL STEL (mg/m ³) | 7 mg/m ³ |
| Yukon | OEL TWA (mg/m ³) | 3.5 mg/m ³ |
| Titanium dioxide (13463-67-7) | | |
| USA ACGIH | ACGIH TWA (mg/m ³) | 10 mg/m ³ |
| USA ACGIH | ACGIH chemical category | Not Classifiable as a Human Carcinogen |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 15 mg/m ³ (total dust) |
| USA IDLH | US IDLH (mg/m ³) | 5000 mg/m ³ |
| Alberta | OEL TWA (mg/m ³) | 10 mg/m ³ |
| British Columbia | OEL TWA (mg/m ³) | 10 mg/m ³ (total dust) 3 mg/m ³ (respirable fraction) |
| Manitoba | OEL TWA (mg/m ³) | 10 mg/m ³ |
| New Brunswick | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Newfoundland & Labrador | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Nova Scotia | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Nunavut | OEL TWA (mg/m ³) | 5 mg/m ³ (respirable mass) 10 mg/m ³ (total mass) |

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| | | |
|------------------------------|-------------------------------|---|
| Northwest Territories | OEL TWA (mg/m ³) | 5 mg/m ³ (respirable mass) 10 mg/m ³ (total mass) |
| Ontario | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Prince Edward Island | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Québec | VEMP (mg/m ³) | 10 mg/m ³ (containing no Asbestos and <1% Crystalline silica-total dust) |
| Saskatchewan | OEL STEL (mg/m ³) | 20 mg/m ³ |
| Saskatchewan | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Yukon | OEL STEL (mg/m ³) | 20 mg/m ³ |
| Yukon | OEL TWA (mg/m ³) | 30 mppcf 10 mg/m ³ |

Exposure Controls

Appropriate Engineering Controls: Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Personal Protective Equipment: Protective goggles. Gloves. Protective clothing. Insufficient ventilation: wear respiratory protection. Face shield.



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical safety goggles.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Environmental Exposure Controls: Do not allow the product to be released into the environment.

Consumer Exposure Controls: Do not eat, drink or smoke during use

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

| | |
|--|-------------------------|
| Physical State | : Thick Paste |
| Appearance | : Black paste |
| Odor | : Amine odor |
| Odor Threshold | : Not available |
| pH | : Not available |
| Evaporation Rate | : Not available |
| Melting Point | : Not available |
| Freezing Point | : ~32°F |
| Boiling Point | : 199 °C (390.20 °F) |
| Flash Point | : > 93 °C (> 199.40 °F) |
| Auto-ignition Temperature | : Not available |
| Decomposition Temperature | : Not available |
| Flammability (solid, gas) | : Not available |
| Lower Flammable Limit | : Not available |
| Upper Flammable Limit | : Not available |
| Vapor Pressure | : Not available |
| Relative Vapor Density at 20 °C | : Not available |
| Relative Density | : Not available |
| Specific Gravity | : 1.25 |

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| | |
|--|---|
| Solubility | : Not available |
| Partition Coefficient: N-Octanol/Water | : Not available |
| Viscosity | : 100,000 – 130,000 cps |
| Explosion Data – Sensitivity to Mechanical Impact | : Not expected to present an explosion hazard due to mechanical impact. |
| Explosion Data – Sensitivity to Static Discharge | : Not expected to present an explosion hazard due to static discharge. |

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Thermal decomposition generates corrosive vapors.

Chemical Stability: Stable under recommended handling and storage conditions (see section 7).

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Direct sunlight. Extremely high or low temperatures. Incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers. Amines. Fluorine. Ammonium salts.

Hazardous Decomposition Products: **Carbon oxides (CO, CO₂), Nitrogen oxides**, various low molecular weight hydrocarbons, and smoke.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity: Not classified

LD50 and LC50 Data:

| | |
|----------------------------|----------------------------|
| ATE US (oral) | 1,203.53 mg/kg body weight |
| ATE US (dust, mist) | 3.41 mg/l/4h |

Skin Corrosion/Irritation: Causes severe skin burns and eye damage.

Serious Eye Damage/Irritation: Causes serious eye damage.

Respiratory or Skin Sensitization: May cause an allergic skin reaction.

Germ Cell Mutagenicity: May cause genetic defects.

Teratogenicity: Not classified

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): May cause damage to organs through prolonged or repeated exposure.

Reproductive Toxicity: Suspected of damaging fertility or the unborn child.

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: May be corrosive to the respiratory tract.

Symptoms/Injuries After Skin Contact: Causes severe skin burns. Contact may cause immediate severe irritation progressing quickly to chemical burns. Symptoms may include: Redness, pain, swelling, itching, burning, dryness, and dermatitis. May cause an allergic skin reaction.

Symptoms/Injuries After Eye Contact: Causes serious eye damage. Symptoms may include: Redness, pain, swelling, itching, burning, tearing, and blurred vision. Causes permanent damage to the cornea, iris, or conjunctiva.

Symptoms/Injuries After Ingestion: May be fatal if swallowed and enters airways. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

Chronic Symptoms: Suspected of damaging fertility or the unborn child. May cause heritable genetic damage.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

| | |
|---|--------------|
| Fatty acids, C18-unsaturated, dimers, polymers with tall-oil fatty acids and triethylenetetramine (68082-29-1) | |
| LD50 Oral Rat | > 2000 mg/kg |
| LD50 Dermal Rat | > 2000 mg/kg |
| Cyclohexanamine, 4,4'-methylenebis- (1761-71-3) | |
| LD50 Oral Rat | 1000 mg/kg |
| 2,4,6-Tri(dimethylaminomethyl)phenol (90-72-2) | |
| LD50 Oral Rat | 1000 mg/kg |
| LD50 Dermal Rat | 1280 mg/kg |

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| | |
|---|---|
| Tetraethylenepentamine (112-57-2) | |
| LD50 Oral Rat | 2100 mg/kg |
| LD50 Dermal Rabbit | 660 µl/kg |
| Carbon black (1333-86-4) | |
| LD50 Oral Rat | > 8000 mg/kg |
| Titanium dioxide (13463-67-7) | |
| LD50 Oral Rat | > 10000 mg/kg |
| Carbon black (1333-86-4) | |
| IARC Group | 2B |
| OSHA Hazard Communication Carcinogen List | In OSHA Hazard Communication Carcinogen list. |

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecology - General: Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

| | |
|--|--|
| Tetraethylenepentamine (112-57-2) | |
| LC50 Fish 1 | 420 mg/l (Exposure time: 96 h - Species: Poecilia reticulata [static]) |
| EC50 Daphnia 1 | 24.1 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| Carbon black (1333-86-4) | |
| EC50 Daphnia 1 | 5600 mg/l (Exposure time: 24 h - Species: Daphnia magna) |

Persistence and Degradability Not available

Bioaccumulative Potential

| | |
|--|-------------------------------|
| Tetraethylenepentamine (112-57-2) | |
| BCF Fish 1 | (no bioaccumulation expected) |
| Log Pow | < 1 |
| Cyclohexanamine, 4,4'-methylenebis- (1761-71-3) | |
| Log Pow | 2.03 |
| Phenol, 4-nonyl-, branched (84852-15-3) | |
| BCF Fish 1 | 271 |

Mobility in Soil Not available

Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

Ecology – Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

In Accordance with DOT

Proper Shipping Name : CORROSIVE LIQUIDS, N.O.S.(Triethylenetetramine and 2,4,6-Tri(dimethylaminomethyl)phenol)
Hazard Class : 8
Identification Number : UN1760
Label Codes : 8
Packing Group : II
ERG Number : 154



Please note there is a DOT exemption per below:

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Limited Quantities : Packages having a volumetric capacity of no more than 1.0L/0.3 gallons and meeting the requirements of 49 CFR 173.154(b) are exempt from many of the DOT requirements for this classification. Each package must display the following limited quantity label.



In Accordance with IMDG

Proper Shipping Name : CORROSIVE LIQUID, N.O.S. (Triethylenetetramine and 2,4,6-Tri(dimethylaminomethyl)phenol)
Hazard Class : 8
Identification Number : UN1760
Packing Group : II
Label Codes : 8
EmS-No. (Fire) : F-A
EmS-No. (Spillage) : S-B
Marine pollutant : Marine pollutant



In Accordance with IATA

Proper Shipping Name : CORROSIVE LIQUID, N.O.S. (Triethylenetetramine and 2,4,6-Tri(dimethylaminomethyl)phenol)
Packing Group : II
Identification Number : UN1760
Hazard Class : 8
Label Codes : 8
ERG Code (IATA) : 8L



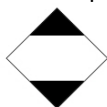
In Accordance with TDG

Proper Shipping Name : CORROSIVE LIQUID, N.O.S. (Triethylenetetramine and 2,4,6-Tri(dimethylaminomethyl)phenol)
Packing Group : II
Hazard Class : 8
Identification Number : UN1760
Label Codes : 8
Marine Pollutant (TDG) : Marine pollutant



Please note there is a TDG exemption per below:

Limited Quantities : Packages having a volumetric capacity of no more than 1.0L and meeting the requirements of Transportation of Dangerous Goods Part 1 Section 1.17 Limited Quantities are exempt from many of the TDG requirements for this classification. Each package must display the following limited quantity label.



SECTION 15: REGULATORY INFORMATION

US Federal Regulations

| | |
|---|---|
| SARA Section 311/312 Hazard Classes | Immediate (acute) health hazard Delayed (chronic) health hazard |
| Fatty acids, C18-unsaturated, dimers, polymers with tall-oil fatty acids and triethylenetetramine (68082-29-1) | Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| 2,4,6-Tri(dimethylaminomethyl)phenol (90-72-2) | Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| Carbon black (1333-86-4) | Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| Titanium dioxide (13463-67-7) | Listed on the United States TSCA (Toxic Substances Control Act) inventory |

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| | |
|---|--|
| SARA Section 311/312 Hazard Classes | Delayed (chronic) health hazard |
| Tetraethylenepentamine (112-57-2) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Cyclohexanamine, 4,4'-methylenebis- (1761-71-3) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Phenol, 4-nonyl-, branched (84852-15-3) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Listed on United States SARA Section 313 | |
| EPA TSCA Regulatory Flag | T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA. S - S - indicates a substance that is identified in a proposed or final Significant New Uses Rule. |
| SARA Section 313 - Emission Reporting | 1.0 % |

US State Regulations

Proposition 65 – To the best of our knowledge, this product does not contain any of the listed chemicals, which the state of California has found to cause cancer, birth defects or other reproductive harm.

| |
|---|
| Carbon black (1333-86-4) |
| U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances U.S. - Pennsylvania - RTK (Right to Know) List |
| Tetraethylenepentamine (112-57-2) |
| U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List |
| Titanium dioxide (13463-67-7) |
| U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List |

Canadian Regulations

| |
|---|
| Fatty acids, C18-unsaturated, dimers, polymers with tall-oil fatty acids and triethylenetetramine (68082-29-1) |
| Listed on the Canadian DSL (Domestic Substances List) |
| 2,4,6-Tri(dimethylaminomethyl)phenol (90-72-2) |
| Listed on the Canadian DSL (Domestic Substances List) |
| Tetraethylenepentamine (112-57-2) |
| Listed on the Canadian DSL (Domestic Substances List) |
| Listed on the Canadian IDL (Ingredient Disclosure List) |
| IDL Concentration 1 % |
| Cyclohexanamine, 4,4'-methylenebis- (1761-71-3) |
| Listed on the Canadian DSL (Domestic Substances List) |
| Phenol, 4-nonyl-, branched (84852-15-3) |
| Listed on the Canadian DSL (Domestic Substances List) |
| Carbon black (1333-86-4) |
| Listed on the Canadian DSL (Domestic Substances List) |
| Listed on the Canadian IDL (Ingredient Disclosure List) |
| IDL Concentration 1 % |
| Titanium dioxide (13463-67-7) |
| Listed on the Canadian DSL (Domestic Substances List) |

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This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date : 07/20/2023

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

| | |
|------|---|
| H314 | Causes severe skin burns and eye damage |
| H317 | May cause an allergic skin reaction |
| H318 | Causes serious eye damage |
| H340 | May cause genetic defects |
| H411 | Toxic to aquatic life with long lasting effects |

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

North America GHS US 2012 & WHMIS 2015