

# SAFETY DATA SHEET

## 1. Identification

**Product identifier** CIMPERIAL® HD265  
METALWORKING FLUID

**Other means of identification**

**SDS number** Not applicable

**Recommended use** METALWORKING FLUID

**Recommended restrictions** None known.

**Manufacturer/Importer/Supplier/Distributor information**

**Manufacturer**

**Company name** CIMCOOL® Industrial Products LLC  
3000 Disney Street  
Cincinnati, Ohio 45209

**Telephone (General Information)** 513-458-8199

**Emergency telephone number** 1-800-424-9300 (CHEMTREC)

**Emergency telephone number (outside USA)** 1-703-527-3887 (CHEMTREC)

## 2. Hazard(s) identification

|                         |                                   |            |
|-------------------------|-----------------------------------|------------|
| <b>Physical hazards</b> | Not classified.                   |            |
| <b>Health hazards</b>   | Acute toxicity, inhalation        | Category 4 |
|                         | Skin corrosion/irritation         | Category 2 |
|                         | Serious eye damage/eye irritation | Category 2 |
|                         | Sensitization, skin               | Category 1 |
|                         | Reproductive toxicity             | Category 2 |

**Environmental hazards** Not classified.

**OSHA defined hazards** Not classified.

**Label elements**



**Signal word** Warning

**Hazard statement** Causes serious eye irritation. Causes skin irritation. May cause an allergic skin reaction. Harmful if inhaled. Suspected of damaging fertility or the unborn child.

**Precautionary statement**

**Prevention** Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

**Response** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Wash contaminated clothing before reuse.

**Storage** Protect from sunlight. Store away from incompatible materials. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Store in accordance with local/regional/national/international regulation.

**Disposal** Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazard(s) not otherwise classified (HNOC)** None known.

**Supplemental information** 10.32% of the mixture consists of component(s) of unknown acute inhalation toxicity. Container vapor space may contain hydrogen sulfide. May cause respiratory irritation.

This product should be mixed/diluted according to the manufacturer's recommendations and is intended for use only in closed or semi-enclosed machines. Semi-enclosed machines are machines that provide effective mist containment.

### 3. Composition/information on ingredients

#### Mixtures

| Chemical name  | Common name and synonyms | CAS number  | %         |
|--|--------------------------|-------------|-----------|
| PENTENE, 2,4,4-TRIMETHYL-, SULFURIZED                  |                          | 68515-88-8  | 15 - 40   |
| SEVERELY-HYDROTREATED NAPHTHENIC PETROLEUM DISTILLATES |                          | 64742-52-5  | 10 - 30   |
| NONYLPHENOXPOLYETHOXYE THANOL                          |                          | 127087-87-0 | 3 - 7     |
| TRIETHANOLAMINE  |                          | 102-71-6    | 3 - 7     |
| 4,4-DIMETHYLOXAZOLIDINE                                |                          | 51200-87-4  | 1 - 5     |
| ALCOHOLS, C12-14, ETHOXYLATED PROPOXYLATED             |                          | 68439-51-0  | 1 - 5     |
| SORBITAN MONOLAURATE, ETHOXYLATED                      |                          | 9005-64-5   | 0.5 - 1.5 |
| Other components below reportable levels               |                          |             | 10 - 30   |

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### 4. First-aid measures

|   |  |
|---|--|
| <b>Inhalation</b>   | If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. Under normal conditions of intended use, this material is not expected to be an inhalation hazard. |
| <b>Skin contact</b>   | Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.   |
| <b>Eye contact</b>  | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.  |
| <b>Ingestion</b>  | Rinse mouth thoroughly. Drink 1 or 2 glasses of water. Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Get medical advice/attention if you feel unwell.   |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction. Dermatitis. Rash.   |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Symptoms may be delayed.  |
| <b>General information</b>  | If exposed or concerned: Get medical advice/attention. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.   |

### 5. Fire-fighting measures

|  |  |
|--|--|
| <b>Suitable extinguishing media</b>                                  | Foam. Dry chemical powder. Carbon dioxide (CO2).   |
| <b>Unsuitable extinguishing media</b>                                | Do not use water jet as an extinguisher, as this will spread the fire.   |
| <b>Specific hazards arising from the chemical</b>                    | During fire, gases hazardous to health may be formed.  |
| <b>Special protective equipment and precautions for firefighters</b> | Wear suitable protective equipment.  |
| <b>Fire fighting equipment/instructions</b>                          | Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. |

**Specific methods** Use standard firefighting procedures and consider the hazards of other involved materials. In the event of fire and/or explosion do not breathe fumes.

**General fire hazards** No unusual fire or explosion hazards noted.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**Methods and materials for containment and cleaning up** Local authorities should be advised if significant spillages cannot be contained. This product is miscible in water.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Clean up in accordance with all applicable regulations. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

**Environmental precautions** Avoid discharge into drains, water courses or onto the ground. Contact local authorities in case of spillage to drain/aquatic environment. Use appropriate containment to avoid environmental contamination.

## 7. Handling and storage

**Precautions for safe handling** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Do not get in eyes, on skin, or on clothing. Avoid breathing mist or vapor. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities** Room temperature - normal conditions. Store locked up. To maintain product quality, do not store in heat or direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Keep this material away from food, drink and animal feed. Do not allow material to freeze. If frozen, product may separate. Thaw completely at room temperature and stir thoroughly prior to use.

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### U.S. - OSHA

|   | Type | Value               |
|---|------|---------------------|
| SEVERELY-HYDROTREATED NAPHTHENIC PETROLEUM DISTILLATES (CAS 64742-52-5) | PEL  | 5 mg/m <sup>3</sup> |

#### ACGIH

|   | Type | Value               |
|---|------|---------------------|
| SEVERELY-HYDROTREATED NAPHTHENIC PETROLEUM DISTILLATES (CAS 64742-52-5) | TWA  | 5 mg/m <sup>3</sup> |

#### US. ACGIH Threshold Limit Values

|                                | Type | Value               |
|--------------------------------|------|---------------------|
| TRIETHANOLAMINE (CAS 102-71-6) | TWA  | 5 mg/m <sup>3</sup> |

**Appropriate engineering controls** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station. Eye wash fountain and emergency showers are recommended.

## Individual protection measures, such as personal protective equipment

|                                       |  |
|---------------------------------------|--|
| <b>Eye/face protection</b>            | Wear safety glasses with side shields (or goggles).  |
| <b>Skin protection</b>                |  |
| <b>Hand protection</b>                | Use protective gloves made of: Nitrile.  |
| <b>Other</b>                          | Wear suitable protective clothing and gloves.  |
| <b>Respiratory protection</b>         | In case of insufficient ventilation, wear suitable respiratory equipment.  |
| <b>Thermal hazards</b>                | Wear appropriate thermal protective clothing, when necessary.  |
| <b>General hygiene considerations</b> | When using, do not eat, drink or smoke. Do not get in eyes, on skin, on clothing. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace. |

## 9. Physical and chemical properties

|   |                                      |
|---|--------------------------------------|
| <b>Appearance</b>                                   | TRANSLUCENT                          |
| <b>Physical state</b>                               | Liquid.                              |
| <b>Form</b>   | Liquid.                              |
| <b>Color</b>  | Not available.                       |
| <b>Odor</b>   | Chemical                             |
| <b>Odor threshold</b>                               | Not available.                       |
| <b>pH</b>   | Not Applicable                       |
| <b>Melting point/freezing point</b>                 | < 32 °F (< 0 °C) estimated           |
| <b>Initial boiling point and boiling range</b>      | > 212 °F (> 100 °C) estimated        |
| <b>Flash point</b>                                  | 310 °F (154.4 °C) Cleveland Open Cup |
| <b>Evaporation rate</b>                             | Like water when diluted              |
| <b>Flammability (solid, gas)</b>                    | Not applicable.                      |
| <b>Upper/lower flammability or explosive limits</b> |                                      |
| <b>Flammability limit - lower (%)</b>               | Not available.                       |
| <b>Flammability limit - upper (%)</b>               | Not available.                       |
| <b>Explosive limit - lower (%)</b>                  | Not available.                       |
| <b>Explosive limit - upper (%)</b>                  | Not available.                       |
| <b>Vapor pressure</b>                               | Not available.                       |
| <b>Vapor density</b>                                | Not available.                       |
| <b>Relative density</b>                             | Not available.                       |
| <b>Solubility(ies)</b>                              | 100 % Water Miscible                 |
| <b>Partition coefficient (n-octanol/water)</b>      | Not available.                       |
| <b>Auto-ignition temperature</b>                    | Not available.                       |
| <b>Decomposition temperature</b>                    | Not available.                       |
| <b>Viscosity</b>                                    | Not available.                       |
| <b>Other information</b>                            |                                      |
| <b>Flash point class</b>                            | Combustible IIIB                     |
| <b>pH in aqueous solution</b>                       | 8.8 @ 5%                             |
| <b>Specific gravity</b>                             | 1.01                                 |
| <b>VOC ASTM D2369</b>                               | 4 %                                  |

## 10. Stability and reactivity

|   |  |
|---|--|
| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport.        |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.  |
| <b>Possibility of hazardous reactions</b> | Hazardous polymerization does not occur. No dangerous reaction known under conditions of normal use. |

|   |   |
|---|---|
| <b>Conditions to avoid</b>              | Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials. May react with corroding cast, gray, nodular, or other high iron containing swarf or chips to form potentially hazardous levels of hydrogen sulfide. |
| <b>Incompatible materials</b>           | Avoid contact with oxidizers or reducing agents. Do not add sodium nitrite or other nitrosating agents which may form cancer causing nitrosamines.  |
| <b>Hazardous decomposition products</b> | Smoke, fumes, oxides of nitrogen, oxides of sulfur, and oxides of carbon  |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Prolonged inhalation may be harmful. Health injuries are not known or expected under normal use.   |
| <b>Skin contact</b> | May cause an allergic skin reaction. This product is not expected to cause skin sensitization. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. |
| <b>Eye contact</b>  | Causes serious eye irritation.   |
| <b>Ingestion</b>    | May be harmful if swallowed. Expected to be a low ingestion hazard.  |

**Symptoms related to the physical, chemical and toxicological characteristics** Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction. Dermatitis. Rash.

### Information on toxicological effects

**Acute toxicity** Harmful if inhaled. May cause respiratory irritation. May cause an allergic skin reaction. Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

| Components  | Species | Test Results                     |
|---|---------|----------------------------------|
| 4,4-DIMETHYLOXAZOLIDINE (CAS 51200-87-4)                                |         |                                  |
| <b>Acute</b>  |         |                                  |
| <i>Dermal</i>   |         |                                  |
| LD50  | Rabbit  | > 2000 mg/kg                     |
| <i>Inhalation</i>   |         |                                  |
| LC50  | Rat     | 1100 mg/m <sup>3</sup> , 4 hours |
| <i>Oral</i>   |         |                                  |
| LD50  | Rat     | 1308 mg/kg                       |
| ALCOHOLS, C12-14, ETHOXYLATED PROPOXYLATED (CAS 68439-51-0)             |         |                                  |
| <b>Acute</b>  |         |                                  |
| <i>Oral</i>   |         |                                  |
| LD50  | Rat     | > 2000 mg/kg                     |
| NONYLPHENOXPOLYETHOXYETHANOL (CAS 127087-87-0)                          |         |                                  |
| <b>Acute</b>  |         |                                  |
| <i>Dermal</i>   |         |                                  |
| LD50  | Rabbit  | 2573 mg/kg                       |
| <i>Oral</i>   |         |                                  |
| LD50  | Rat     | 5000 mg/kg                       |
| PENTENE, 2,4,4-TRIMETHYL-, SULFURIZED (CAS 68515-88-8)                  |         |                                  |
| <b>Acute</b>  |         |                                  |
| <i>Dermal</i>   |         |                                  |
| LC50  | Rat     | > 2000 mg/kg                     |
| <i>Inhalation</i>   |         |                                  |
| LC50  | Rat     | > 2.17 mg/l, 4 hours             |
| <i>Oral</i>   |         |                                  |
| LC50  | Rat     | 3000 - 4000 mg/kg                |
| SEVERELY-HYDROTREATED NAPHTHENIC PETROLEUM DISTILLATES (CAS 64742-52-5) |         |                                  |
| <b>Acute</b>  |         |                                  |
| <i>Dermal</i>   |         |                                  |
| LD50  | Rabbit  | > 5000 mg/kg                     |

| Components  | Species    | Test Results      |
|---|------------|-------------------|
| <i>Inhalation</i><br>LC50                         | Rat        | > 5 mg/l, 4 hours |
| <i>Oral</i><br>LD50                               | Rat        | > 5000 mg/kg      |
| SORBITAN MONOLAURATE, ETHOXYLATED (CAS 9005-64-5) |            |                   |
| <b>Acute</b>                                      |            |                   |
| <i>Dermal</i><br>LD50                             | Rabbit     | 3000 mg/kg        |
| <i>Oral</i><br>LD50                               | Rat        | > 5000 mg/kg      |
| TRIETHANOLAMINE (CAS 102-71-6)                    |            |                   |
| <b>Acute</b>                                      |            |                   |
| <i>Dermal</i><br>LD50                             | Rabbit     | > 2000 mg/kg      |
| <i>Oral</i><br>LD50                               | Guinea pig | 5300 mg/kg        |
|   | Rat        | 8 g/kg            |

\* Estimates for product may be based on additional component data not shown.

|   |   |
|---|---|
| <b>Skin corrosion/irritation</b>  | Prolonged skin contact may cause temporary irritation.  |
| <b>Serious eye damage/eye irritation</b>                                  | Irritating to eyes. Causes serious eye irritation.  |
| <b>Respiratory or skin sensitization</b>                                  |   |
| <b>Respiratory sensitization</b>  | Not a respiratory sensitizer.   |
| <b>Skin sensitization</b>   | May cause an allergic skin reaction.  |
| <b>Germ cell mutagenicity</b>   | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.    |
| <b>Carcinogenicity</b>  | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.                                     |
| <b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>             |   |
| TRIETHANOLAMINE (CAS 102-71-6)  | 3 Not classifiable as to carcinogenicity to humans.   |
| <b>US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b> |   |
| Not listed.   |   |
| <b>Reproductive toxicity</b>  | Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals. |
| <b>Specific target organ toxicity - single exposure</b>                   | Not classified.   |
| <b>Specific target organ toxicity - repeated exposure</b>                 | Not classified.   |
| <b>Aspiration hazard</b>  | May be harmful if swallowed and enters airways.   |
| <b>Chronic effects</b>  | May be harmful if absorbed through skin. Prolonged inhalation may be harmful.                                       |
|   | Prolonged or repeated exposure may cause liver and kidney damage. These effects have not been observed in humans.   |

## 12. Ecological information

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

| Components                               | Species      | Test Results      |
|--|--------------|-------------------|
| 4,4-DIMETHYLOXAZOLIDINE (CAS 51200-87-4) |              |                   |
| <b>Aquatic</b>                           |              |                   |
| <i>Acute</i>                             |              |                   |
| Crustacea                                | EC50 Daphnia | 45 mg/l, 48 hours |

| Components  |      | Species  | Test Results                 |
|---|------|--|------------------------------|
| Fish  | LC50 | Bluegill ( <i>Lepomis macrochirus</i> )              | 59 mg/l, 96 hours            |
| ALCOHOLS, C12-14, ETHOXYLATED PROPOXYLATED (CAS 68439-51-0)             |      |  |                              |
| <b>Aquatic</b>  |      |  |                              |
| <i>Acute</i>  |      |  |                              |
| Fish  | LC50 | Ide, silver or golden orfe ( <i>Leuciscus idus</i> ) | 1 - 10 mg/l                  |
| NONYLPHENOXYPOLYETHOXYETHANOL (CAS 127087-87-0)                         |      |  |                              |
| <b>Aquatic</b>  |      |  |                              |
| <i>Acute</i>  |      |  |                              |
| Crustacea   | EC50 | Daphnia  | 1.6 - 10 mg/l, 48 hours      |
| Fish  | LC50 | Fathead minnow ( <i>Pimephales promelas</i> )        | 1.2 - 9.3 mg/l, 96 hours     |
| PENTENE, 2,4,4-TRIMETHYL-, SULFURIZED (CAS 68515-88-8)                  |      |  |                              |
| <b>Aquatic</b>  |      |  |                              |
| <i>Acute</i>  |      |  |                              |
| Fish  | LC50 | Zebra danio ( <i>Danio rerio</i> )                   | > 100 mg/l, 96 hours         |
| SEVERELY-HYDROTREATED NAPHTHENIC PETROLEUM DISTILLATES (CAS 64742-52-5) |      |  |                              |
| <b>Aquatic</b>  |      |  |                              |
| <i>Acute</i>  |      |  |                              |
| Crustacea   | EC50 | Daphnia  | > 1000 mg/l, 48 hours        |
| Fish  | LC50 | Fathead minnow ( <i>Pimephales promelas</i> )        | > 30000 mg/l, 96 hours       |
| SORBITAN MONOLAURATE, ETHOXYLATED (CAS 9005-64-5)                       |      |  |                              |
| <b>Aquatic</b>  |      |  |                              |
| <i>Acute</i>  |      |  |                              |
| Crustacea   | EC50 | Daphnia  | > 10 mg/l, 48 hours          |
| Fish  | LC50 | Ide, silver or golden orfe ( <i>Leuciscus idus</i> ) | 340 mg/l, 96 hours           |
| TRIETHANOLAMINE (CAS 102-71-6)  |      |  |                              |
| <b>Aquatic</b>  |      |  |                              |
| Crustacea   | EC50 | Water flea ( <i>Ceriodaphnia dubia</i> )             | 565.2 - 658.3 mg/l, 48 hours |
| Fish  | LC50 | Fathead minnow ( <i>Pimephales promelas</i> )        | 10610 - 13010 mg/l, 96 hours |

\* Estimates for product may be based on additional component data not shown.

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential**

**Partition coefficient n-octanol / water (log Kow)**

TRIETHANOLAMINE -1

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

**13. Disposal considerations**

**Disposal instructions** Consult authorities before disposal. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

## 14. Transport information

### DOT

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not established.

## 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. It may be reportable under the provisions of SARA Sections 311 and 312 if specific threshold criteria are met or exceeded.

### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

### SARA 304 Emergency release notification

Not regulated.

### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories** Immediate Hazard - Yes  
Delayed Hazard - Yes  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

### SARA 302 Extremely hazardous substance

Not listed.

**SARA 311/312 Hazardous chemical** Yes

### SARA 313 (TRI reporting)

Not regulated.

### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

**Food and Drug Administration (FDA)** Not regulated.

**US state regulations** WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

#### US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

#### US. Massachusetts RTK - Substance List

TRIETHANOLAMINE (CAS 102-71-6)

#### US. New Jersey Worker and Community Right-to-Know Act

TRIETHANOLAMINE (CAS 102-71-6)

#### US. Pennsylvania Worker and Community Right-to-Know Law

TRIETHANOLAMINE (CAS 102-71-6)

#### US. Rhode Island RTK

Not regulated.



**California South Coast Air Quality Management District (SCAQMD) Rule 1144 (VOC Emissions)**

This product is subject to SCAQMD Rule 1144; it is compliant and may be sold and used in the SCAQMD. The VOC content of the product is 50 g/L, measured by ASTM Method E-1868-10. This product has a specified use dilution VOC limit of 75 g/L, the maximum dilution concentration is 100 % to maintain compliance.

**US. California Proposition 65**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

**International Inventories**

| Country(s) or region        | Inventory name   | On inventory or exempt (yes/no)* |
|-----------------------------|--|----------------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | No                               |
| Canada                      | Domestic Substances List (DSL)   | No                               |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | Yes                              |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                              |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | No                               |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                 | No                               |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)               | No                               |
| Korea                       | Existing Chemicals List (ECL)  | No                               |
| New Zealand                 | New Zealand Inventory  | No                               |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | No                               |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | Yes                              |

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

**16. Other information, including date of preparation or last revision**

**Issue date** 04-07-2015

**Version #** 01

**Further information** Not available.

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**Revision Information** Product and Company Identification: Product Codes  
Hazards Identification: US Hazard Categories  
Composition / Information on Ingredients: Ingredients  
Physical & Chemical Properties: Multiple Properties  
Transport Information: Proper Shipping Name/Packing Group  
Regulatory Information: United States  
Material Attributes & Uses; Experimental Data: Product Uses  
HazReg Data: North America  
GHS: Classification