# SAFETY DATA SHEET

## 1. Identification

**Product identifier** — **STARSOL™ 775AL**
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** — Milacron Marketing Company 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

**Physical hazards** — Not classified.

**Health hazards**

| | |
|---|---|
| Acute toxicity, inhalation | Category 4 |
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 2 |
| Reproductive toxicity | Effects on or via lactation |
| Specific target organ toxicity, single exposure | Category 3 respiratory tract irritation |

**Environmental hazards** — Not classified.

**OSHA defined hazards** — Not classified.

**Label elements**

**Signal word** — Warning

**Hazard statement** — Harmful if inhaled. Causes serious eye irritation. Causes skin irritation. May cause harm to breast-fed children. May cause respiratory irritation.

**Precautionary statement**

**Prevention** — Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment.

**Response** — IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a poison center/doctor if you feel unwell. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell. Take off contaminated clothing and wash before reuse.

**Storage** — Keep container tightly closed. Protect from sunlight. Store in a well-ventilated place. Store away from incompatible materials. 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** | 14.18% of the mixture consists of component(s) of unknown acute inhalation toxicity. |

## 3. Composition/information on ingredients

**Mixtures**

| Chemical name | Common name and synonyms | CAS number | % |
|---|---|---|---|
| SEVERELY-HYDROTREATED NAPHTHENIC PETROLEUM | | 64742-52-5 | 30 - 60 |
| C14-C17 MEDIUM CHAIN CHLORINATED PARAFFIN | | 63449-39-8 | 7 - 13 |
| ARYL, MONO-C10-13-ALKYL DERIVS., FRACTIONATION BOTTOMS, HEAVY ENDS, SULFONATED, SODIUM SALTS | | 148520-82-5 | 1 - 5 |
| HEXAHYDRO-1,3,5-TRIS (2-HYDROXYETHYL)-S- TRIAZINE | | 4719-04-4 | 1 - 5 |
| N-BUTYLETHANOLAMINE | | 111-75-1 | 1 - 5 |
| TRIETHANOLAMINE | | 102-71-6 | 1 - 5 |
| MONOETHANOLAMINE | | 141-43-5 | 0.5 - 1.5 |
| Other components below reportable levels | | | 15 - 40 |

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

## 4. First-aid measures

| | |
|---|---|
| **Inhalation** | If symptoms are experienced, remove source of contamination or move victim to fresh air. Get medical attention if symptoms persist. |
| **Skin contact** | Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse. |
| **Eye contact** | 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 immediately. |
| **Ingestion** | Rinse mouth thoroughly. Do not induce vomiting. Drink 1 or 2 glasses of water. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Get medical advice/attention if you feel unwell. |
| **Most important symptoms/effects, acute and delayed** | Direct contact with eyes may cause temporary irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. Defatting of the skin. |
| **Indication of immediate medical attention and special treatment needed** | Provide general supportive measures and treat symptomatically. Symptoms may be delayed. |
| **General information** | If exposed or concerned: Get medical advice/attention. Show this safety data sheet to the doctor in attendance. |

## 5. Fire-fighting measures

| | |
|---|---|
| **Suitable extinguishing media** | Water fog. Foam. Dry chemicals. Dry chemical powder. Carbon dioxide ($CO_2$). Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| **Unsuitable extinguishing media** | Do not use water jet as an extinguisher, as this will spread the fire. |
| **Specific hazards arising from the chemical** | During fire, gases hazardous to health may be formed. |
| **Special protective equipment and precautions for firefighters** | Wear suitable protective equipment. |
| **Fire fighting equipment/instructions** | 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. Move container from fire area if it can be done without risk. |
| **General fire hazards** | Combustible liquid. |

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

Keep unnecessary personnel away. Wear appropriate personal protective equipment. 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**

Extinguish all flames in the vicinity. 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. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Prevent product from entering drains. 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. Do not flush spill to drain. For waste disposal, see section 13 of the SDS.

**Environmental precautions**

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

## 7. Handling and storage

**Precautions for safe handling**

Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Do not ingest. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get this material on clothing. Avoid contact with skin and eyes. Avoid prolonged and repeated contact. Use only in well-ventilated areas. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash thoroughly after handling. Wash contaminated clothing before reuse. Practice good housekeeping. Handle and open container with care. Do not empty into drains.

**Conditions for safe storage, including any incompatibilities**

To maintain product quality, do not store in heat or direct sunlight. Use care in handling/storage. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS). Store in a well-ventilated place. Keep away from food, drink and animal feedingstuffs. Room temperature - normal conditions. 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 (CAS 64742-52-5) | PEL | 5 mg/m3 |

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

| | Type | Value |
|---|---|---|
| MONOETHANOLAMINE (CAS 141-43-5) | PEL | 6 mg/m3 |
| | | 3 ppm |

**US. NIOSH: Pocket Guide to Chemical Hazards**

| | Type | Value |
|---|---|---|
| MONOETHANOLAMINE (CAS 141-43-5) | STEL | 15 mg/m3 |
| | | 6 ppm |
| | TWA | 8 mg/m3 |
| | | 3 ppm |

**ACGIH**

| | Type | Value |
|---|---|---|
| SEVERELY-HYDROTREATED NAPHTHENIC PETROLEUM (CAS 64742-52-5) | TWA | 5 mg/m3 |

**US. ACGIH Threshold Limit Values**

| | Type | Value |
|---|---|---|
| MONOETHANOLAMINE (CAS 141-43-5) | STEL | 6 ppm |
| TRIETHANOLAMINE (CAS 102-71-6) | TWA | 5 mg/m3 |
| MONOETHANOLAMINE (CAS 141-43-5) | TWA | 3 ppm |

**Appropriate engineering controls** Ensure compliance with applicable exposure limits. 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. Eye wash fountain and emergency showers are recommended.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles). Do not get in eyes. Eye wash fountain is recommended.

**Skin protection**

**Hand protection** Use protective gloves made of: Nitrile.

**Other** Wear suitable protective clothing and gloves.

**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations** 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.

## 9. Physical and chemical properties

**Appearance** CLEAR

**Physical state** Liquid.

**Form** Liquid.

**Color** Not available.

**Odor** Chemical

**Odor threshold** Not available.

**pH** Not Applicable

**Melting point/freezing point** < 0 °F (< -17.8 °C) estimated

**Initial boiling point and boiling range** Not Applicable

**Flash point** 350 °F (176.7 °C) Cleveland Open Cup

**Evaporation rate** Like water when diluted

**Flammability (solid, gas)** Not applicable.

**Upper/lower flammability or explosive limits**

**Flammability limit - lower (%)** Not available.

**Flammability limit - upper (%)** Not available.

**Explosive limit - lower (%)** Not available.

**Explosive limit - upper (%)** Not available.

**Vapor pressure** Not available.

**Vapor density** Not available.

**Relative density** Not available.

**Solubility(ies)** 100 % Water Miscible

**Partition coefficient (n-octanol/water)** Not available.

**Auto-ignition temperature** Not available.

**Decomposition temperature** Not available.

| | |
|---|---|
| **Viscosity** | Not available. |
| **Other information** | |
| **Flash point class** | Combustible IIIB |
| **pH in aqueous solution** | 8.9 @ 5% |
| **Specific gravity** | 0.994 |
| **VOC ASTM D2369** | 11 % |

## 10. Stability and reactivity

| | |
|---|---|
| **Reactivity** | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| **Chemical stability** | Material is stable under normal conditions. |
| **Possibility of hazardous reactions** | No dangerous reaction known under conditions of normal use. Hazardous polymerization does not occur. |
| **Conditions to avoid** | Heat, flames, sparks and static electricity. Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| **Incompatible materials** | Do not add sodium nitrite or other nitrosating agents which may form cancer causing nitrosamines. Strong acids. Strong oxidizing agents. Avoid contact with oxidizers or reducing agents. |
| **Hazardous decomposition products** | Smoke, fumes, oxides of nitrogen, hydrogen chloride, and oxides of carbon |

## 11. Toxicological information

**Information on likely routes of exposure**

| | |
|---|---|
| **Inhalation** | Harmful if inhaled. May cause irritation to the respiratory system. |
| **Skin contact** | Causes skin irritation. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. |
| **Eye contact** | Causes serious eye irritation. |
| **Ingestion** | May be harmful if swallowed. Expected to be a low ingestion hazard. |
| **Symptoms related to the physical, chemical and toxicological characteristics** | Direct contact with eyes may cause temporary irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. Defatting of the skin. |

**Information on toxicological effects**

**Acute toxicity** Harmful if inhaled. May be harmful if swallowed. May cause respiratory irritation.

| Components | Species | Test Results |
|---|---|---|
| 3-IODO-2-PROPYNYL BUTYLCARBAMATE (CAS 55406-53-6) | | |
| **Acute** | | |
| *Dermal* | | |
| LD50 | Rabbit | > 2000 mg/kg |
| *Oral* | | |
| LD50 | Rat | 1.1 g/kg |
| ARYL, MONO-C10-13-ALKYL DERIVS., FRACTIONATION BOTTOMS, HEAVY ENDS, SULFONATED, SODIUM SALTS (CAS 148520-82-5) | | |
| **Acute** | | |
| *Oral* | | |
| LD50 | Rat | 404 mg/kg |
| MONOETHANOLAMINE (CAS 141-43-5) | | |
| **Acute** | | |
| *Dermal* | | |
| LD50 | Rabbit | 1025 mg/kg |
| *Inhalation* | | |
| LC50 | Mouse | > 1210 mg/m³ |
| *Oral* | | |
| LD50 | Guinea pig | 620 mg/kg |
| | Mouse | 700 mg/kg |
| | Rat | 1515 mg/kg |

| Components | Species | Test Results |
|---|---|---|
| N-BUTYLETHANOLAMINE (CAS 111-75-1) | | |
| **Acute** | | |
| *Dermal* | | |
| LD50 | Rabbit | > 2000 mg/kg |
| *Oral* | | |
| LD50 | Rat | 1150 - 7270 mg/kg |
| SEVERELY-HYDROTREATED NAPHTHENIC PETROLEUM (CAS 64742-52-5) | | |
| **Acute** | | |
| *Dermal* | | |
| LD50 | Rabbit | > 5000 mg/kg |
| *Inhalation* | | |
| LC50 | Rat | 2.18 mg/l |
| *Oral* | | |
| LD50 | Rat | > 5000 mg/kg |
| TRIETHANOLAMINE (CAS 102-71-6) | | |
| **Acute** | | |
| *Dermal* | | |
| LD50 | Rabbit | > 2000 mg/kg |
| *Oral* | | |
| LD50 | Guinea pig | 5300 mg/kg |
| | Rat | 8 g/kg |

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

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation. Defatting, drying and cracking of skin.

**Serious eye damage/eye irritation** Causes serious eye irritation.

**Respiratory or skin sensitization**

**Respiratory sensitization** Not classified.

**Skin sensitization** Not classified.

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

TRIETHANOLAMINE (CAS 102-71-6) 3 Not classifiable as to carcinogenicity to humans.

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

Not listed.

**Reproductive toxicity** May cause harm to breastfed babies.

**Specific target organ toxicity - single exposure** May cause respiratory irritation.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** May be harmful if swallowed and enters airways.

**Chronic effects** Prolonged exposure may cause chronic effects.

**Further information** Symptoms may be delayed.

## 12. Ecological information

**Ecotoxicity** Contains a substance which causes risk of hazardous effects to the environment.

| Components | | Species | Test Results |
|---|---|---|---|
| 3-IODO-2-PROPYNYL BUTYLCARBAMATE (CAS 55406-53-6) | | | |
| **Aquatic** | | | |
| Fish | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | 0.05 - 0.089 mg/l, 96 hours |

| Components | | Species | Test Results |
|---|---|---|---|
| C14-C17 MEDIUM CHAIN CHLORINATED PARAFFIN (CAS 63449-39-8) | | | |
| **Aquatic** | | | |
| Fish | LC50 | Bluegill (Lepomis macrochirus) | > 0.1 mg/l, 96 hours |
| MONOETHANOLAMINE (CAS 141-43-5) | | | |
| **Aquatic** | | | |
| Fish | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | 114 - 196 mg/l, 96 hours |
| SEVERELY-HYDROTREATED NAPHTHENIC PETROLEUM (CAS 64742-52-5) | | | |
| **Aquatic** | | | |
| *Acute* | | | |
| Fish | LC50 | Fish | > 100 mg/l, 96 hours |
| TRIETHANOLAMINE (CAS 102-71-6) | | | |
| **Aquatic** | | | |
| Crustacea | EC50 | Water flea (Ceriodaphnia dubia) | 565.2 - 658.3 mg/l, 48 hours |
| Fish | LC50 | Fathead minnow (Pimephales promelas) | 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)**

| | |
|---|---|
| MONOETHANOLAMINE | -1.31 |
| TRIETHANOLAMINE | -1 |

**Mobility in soil** This product is miscible in water.

**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**

**UN number** UN3082

**UN proper shipping name** Environmentally hazardous substances, liquid, n.o.s. (C14-C17 MEDIUM CHAIN CHLORINATED PARAFFIN), MARINE POLLUTANT

**Transport hazard class(es)**

**Class** 9

**Subsidiary risk** -

**Label(s)** 9

**Packing group** III

**Environmental hazards**

**Marine pollutant** Yes

**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**Special provisions** 8, 146, 335, IB3, T4, TP1, TP29

**Packaging exceptions** 155

**Packaging non bulk** 203

**Packaging bulk** 241

Supplemental Information: 49CFR 171.4 excludes "non-bulk"packages (119 gallons or less) from Marine Pollutant Requirements unless all or part of the shipment is by vessel.

**IATA**

| | |
|---|---|
| **UN number** | UN3082 |
| **UN proper shipping name** | Environmentally hazardous substance, liquid, n.o.s. (C14-C17 MEDIUM CHAIN CHLORINATED PARAFFIN) |
| **Transport hazard class(es)** | |
| **Class** | 9 |
| **Subsidiary risk** | - |
| **Packing group** | III |
| **Environmental hazards** | Yes |
| **ERG Code** | 9L |
| **Special precautions for user** | Read safety instructions, SDS and emergency procedures before handling. |
| **Other information** | |
| **Passenger and cargo aircraft** | Allowed. |
| **Cargo aircraft only** | Allowed. |

**IMDG**

| | |
|---|---|
| **UN number** | UN3082 |
| **UN proper shipping name** | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (C14-C17 MEDIUM CHAIN CHLORINATED PARAFFIN), MARINE POLLUTANT |
| **Transport hazard class(es)** | |
| **Class** | 9 |
| **Subsidiary risk** | - |
| **Packing group** | III |
| **Environmental hazards** | |
| **Marine pollutant** | Yes |
| **EmS** | F-A, S-F |
| **Special precautions for user** | Read safety instructions, SDS and emergency procedures before handling. |

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

**DOT; IATA; IMDG**

**Marine pollutant**

**General information** DOT Regulated Marine Pollutant. IMDG Regulated Marine Pollutant.

## 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)**

HEXAHYDRO-1,3,5-TRIS (2-HYDROXYETHYL)-S-TRIAZINE (CAS 4719-04-4) 1.0 % One-Time Export Notification only.

**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)**

| Chemical name | CAS number | % by wt. |
|---|---|---|
| 3-IODO-2-PROPYNYL BUTYLCARBAMATE | 55406-53-6 | 0.1 - 1 |

**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** Product is a hazardous substance as defined under the OSHA Hazard Communication Standard and may be reportable under the provisions of SARA Sections 311 and 312.

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

Not listed.

**US. Massachusetts RTK - Substance List**

MONOETHANOLAMINE (CAS 141-43-5)
TRIETHANOLAMINE (CAS 102-71-6)

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

3-IODO-2-PROPYNYL BUTYLCARBAMATE (CAS 55406-53-6)
MONOETHANOLAMINE (CAS 141-43-5)
TRIETHANOLAMINE (CAS 102-71-6)

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

MONOETHANOLAMINE (CAS 141-43-5)
TRIETHANOLAMINE (CAS 102-71-6)

**US. Rhode Island RTK**

3-IODO-2-PROPYNYL BUTYLCARBAMATE (CAS 55406-53-6)

**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 105 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 71 % 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 |

| Country(s) or region | Inventory name | On inventory or exempt (yes/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 | Yes |
| 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** 02-19-2015

**Version #** 01

**Further information** Not available.

**Disclaimer** The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**Revision Information** Product and Company Identification: Product and Company Identification
Hazards Identification: US Hazard Categories
Composition / Information on Ingredients: Ingredients
Physical & Chemical Properties: Multiple Properties
Transport Information: Material Transportation Information
Regulatory Information: United States
Material Attributes & Uses; Experimental Data: Material Attributes
HazReg Data: Pacific Rim
GHS: Classification