

SAFETY DATA SHEET

1. Identification

| | | |
|---|---|--------------|
| Product identifier | CIM 1000TG Cartridge | |
| Other means of identification | None. | |
| Recommended use | Not available. | |
| Recommended restrictions | None known. | |
| Manufacturer/Importer/Supplier/Distributor information | | |
| Manufacturer | | |
| Company name | CIM INDUSTRIES INC | |
| Address | 6900 NELMS STREET HOUSTON, TX 77061 United States | |
| Telephone | General Assistance | 800 543-3458 |
| E-mail | info@chasecorp.com | |
| Emergency phone number | Chemtrec (US - 24 hrs) | 800 424-9300 |
| | Chemtrec (INTL - 24 hrs) | 703-527-3887 |
| Supplier | Not available. | |

2. Hazard(s) identification

| | | |
|------------------------------|--|---|
| Physical hazards | Flammable liquids | Category 3 |
| Health hazards | Acute toxicity, oral | Category 4 |
| | Acute toxicity, inhalation | Category 1 |
| | Skin corrosion/irritation | Category 2 |
| | Serious eye damage/eye irritation | Category 2A |
| | Sensitization, respiratory | Category 1 |
| | Sensitization, skin | Category 1 |
| | Germ cell mutagenicity | Category 1B |
| | Carcinogenicity | Category 1B |
| | Specific target organ toxicity, single exposure | Category 3 respiratory tract irritation |
| | Specific target organ toxicity, repeated exposure | Category 1 |
| Environmental hazards | Hazardous to the aquatic environment, acute hazard | Category 2 |
| | Hazardous to the aquatic environment, long-term hazard | Category 2 |

Label elements



Signal word Danger

Hazard statement Flammable liquid and vapor. Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Fatal if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. May cause genetic defects. May cause cancer. Causes damage to organs () through prolonged or repeated exposure. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Precautionary statement

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take action to prevent static discharges. Do not breathe vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response

IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. Rinse mouth. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse. In case of fire: Use appropriate media to extinguish. Collect spillage.

Storage

Store in a well-ventilated place. Keep cool. Store locked up.

Disposal

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

Other hazards

None known.

Supplemental information

94.88% of the mixture consists of component(s) of unknown acute oral toxicity. 81.58% of the mixture consists of component(s) of unknown acute inhalation toxicity. 91.32% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 91.32% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

3. Composition/information on ingredients

Mixtures

| Chemical name | Common name and synonyms | CAS number | % |
|---|--------------------------|------------|-----------|
| DIPHENYLMETHANE DIISOCYANATE [ISOMERS AND HOMOLOGUES] | | 9016-87-9 | 15 |
| Distillates (petroleum), Hydrotreated Light | | 64742-47-8 | 5 - < 10 |
| Stoddard solvent | | 8052-41-3 | 1 - < 3 |
| Carbon black | | 1333-86-4 | 1 - < 3 |
| Oleylamine | | 112-90-3 | 1 - < 3 |
| Other components below reportable levels | | | 70 - < 80 |

| Isomer | Common name and synonyms | CAS number | % |
|----------------------|--------------------------|------------|---|
| Chemical name | | | |

4,4'-Methylenediphenyl diisocyanate 101-68-8 8 - 12

All concentrations are in percent by weight (kg) unless ingredient is a gas. Gas concentrations are in percent by volume (l).

Composition comments Note: CAS 101-68-8 is an MDI isomer that is part of CAS 9016-87-9

4. First-aid measures

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician or poison control center immediately.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. 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 if irritation develops and persists.

Ingestion

Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical advice/attention if you feel unwell.

| | |
|---|--|
| Most important symptoms/effects, acute and delayed | Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Difficulty in breathing. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash. Prolonged exposure may cause chronic effects. |
| Indication of immediate medical attention and special treatment needed | Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed. |
| General information | Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse. |

5. Fire-fighting measures

| | |
|--|--|
| Suitable extinguishing media | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂). |
| Unsuitable extinguishing media | Water. Do not use water jet as an extinguisher, as this will spread the fire. |
| Specific hazards arising from the chemical | Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed. |
| Special protective equipment and precautions for firefighters | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| Fire fighting equipment/instructions | In case of fire and/or explosion do not breathe fumes. 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. |
| General fire hazards | Flammable liquid and vapor. |

6. Accidental release measures

| | |
|--|---|
| Personal precautions, protective equipment and emergency procedures | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe vapors or spray mist. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. 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 | Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. Prevent product from entering drains. 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. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water. Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. |
| Environmental precautions | Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. |

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 handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe vapors or spray mist. Do not taste or swallow. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices. |
|--------------------------------------|--|

Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection**Occupational exposure limits****US. ACGIH Threshold Limit Values**

| Components | Type | Value | Form |
|---|-------------|---------------------|---------------------|
| Carbon black (CAS 1333-86-4) | TWA | 3 mg/m ³ | Inhalable fraction. |
| DIPHENYLMETHANE DIISOCYANATE [ISOMERS AND HOMOLOGUES] (CAS 9016-87-9) | TWA | 0.005 ppm | |
| Stoddard solvent (CAS 8052-41-3) | TWA | 100 ppm | |
| Isomer | Type | Value | |
| 4,4'-Methylenediphenyl diisocyanate (CAS 101-68-8) | TWA | 0.005 ppm | |

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

| Components | Type | Value | Form |
|---|-------------|-------------------------------------|--------|
| Carbon black (CAS 1333-86-4) | TWA | 3.5 mg/m ³ | |
| DIPHENYLMETHANE DIISOCYANATE [ISOMERS AND HOMOLOGUES] (CAS 9016-87-9) | TWA | 0.07 mg/m ³ | |
| Distillates (petroleum), Hydrotreated Light (CAS 64742-47-8) | TWA | 0.005 ppm 200 mg/m ³ | Vapor. |
| Stoddard solvent (CAS 8052-41-3) | TWA | 572 mg/m ³ 100 ppm | |
| Isomer | Type | Value | |
| 4,4'-Methylenediphenyl diisocyanate (CAS 101-68-8) | TWA | 0.05 mg/m ³ 0.005 ppm | |

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

| Components | Type | Value | Form |
|--|-------------|-----------------------|--------------|
| Carbon black (CAS 1333-86-4) | TWA | 3 mg/m ³ | Inhalable |
| Distillates (petroleum), Hydrotreated Light (CAS 64742-47-8) | TWA | 200 mg/m ³ | Non-aerosol. |
| Stoddard solvent (CAS 8052-41-3) | STEL | 580 mg/m ³ | |
| Isomer | Type | Value | |
| 4,4'-Methylenediphenyl diisocyanate (CAS 101-68-8) | Ceiling | 0.01 ppm | |
| | TWA | 0.005 ppm | |

Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)

| Components | Type | Value | Form |
|---|-------------|--------------|---------------------|
| Carbon black (CAS 1333-86-4) | TWA | 3 mg/m3 | Inhalable fraction. |
| DIPHENYLMETHANE DIISOCYANATE [ISOMERS AND HOMOLOGUES] (CAS 9016-87-9) | TWA | 0.005 ppm | |
| Stoddard solvent (CAS 8052-41-3) | TWA | 100 ppm | |
| Isomer | Type | Value | |
| 4,4'-Methylenediphenyl diisocyanate (CAS 101-68-8) | TWA | 0.005 ppm | |

Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

| Components | Type | Value |
|---|-------------|--------------|
| Carbon black (CAS 1333-86-4) | TWA | 3.5 mg/m3 |
| DIPHENYLMETHANE DIISOCYANATE [ISOMERS AND HOMOLOGUES] (CAS 9016-87-9) | Ceiling | 0.02 ppm |
| Stoddard solvent (CAS 8052-41-3) | TWA | 0.005 ppm |
| | TWA | 100 ppm |
| Isomer | Type | Value |
| 4,4'-Methylenediphenyl diisocyanate (CAS 101-68-8) | Ceiling | 0.02 ppm |
| | TWA | 0.005 ppm |

Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)

| Components | Type | Value |
|---|-------------|--------------|
| Carbon black (CAS 1333-86-4) | TWA | 3.5 mg/m3 |
| DIPHENYLMETHANE DIISOCYANATE [ISOMERS AND HOMOLOGUES] (CAS 9016-87-9) | TWA | 0.051 mg/m3 |
| Stoddard solvent (CAS 8052-41-3) | TWA | 0.005 ppm |
| | | 525 mg/m3 |
| Isomer | Type | Value |
| 4,4'-Methylenediphenyl diisocyanate (CAS 101-68-8) | TWA | 100 ppm |
| | | 0.051 mg/m3 |
| | | 0.005 ppm |

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

| Components | Type | Value |
|---|---------|------------|
| Carbon black (CAS 1333-86-4) | PEL | 3.5 mg/m3 |
| DIPHENYLMETHANE DIISOCYANATE [ISOMERS AND HOMOLOGUES] (CAS 9016-87-9) | Ceiling | 0.2 mg/m3 |
| Stoddard solvent (CAS 8052-41-3) | PEL | 0.02 ppm |
| | | 2900 mg/m3 |
| | | 500 ppm |

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

| Isomer | Type | Value |
|--|---------|-----------------------|
| 4,4'-Methylenediphenyl diisocyanate (CAS 101-68-8) | Ceiling | 0.2 mg/m3 0.02 ppm |

Biological limit values No biological exposure limits noted for the ingredient(s).

Exposure guidelines**Canada - Alberta OELs: Skin designation**

Distillates (petroleum), Hydrotreated Light (CAS 64742-47-8) Can be absorbed through the skin.

Canada - British Columbia OELs: Skin designation

4,4'-Methylenediphenyl diisocyanate (CAS 101-68-8) Can be absorbed through the skin.
 DIPHENYLMETHANE DIISOCYANATE [ISOMERS AND HOMOLOGUES] (CAS 9016-87-9) Can be absorbed through the skin.
 Distillates (petroleum), Hydrotreated Light (CAS 64742-47-8) Can be absorbed through the skin.

Canada - Saskatchewan OELs: Skin designation

Distillates (petroleum), Hydrotreated Light (CAS 64742-47-8) Can be absorbed through the skin.

Appropriate engineering controls

Explosion-proof general and local exhaust ventilation. 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 facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection Chemical respirator with organic vapor cartridge and full facepiece.

Skin protection

Hand protection Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

Other Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory protection Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Chemical respirator with organic vapor cartridge and full facepiece.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Observe any medical surveillance requirements. When using do not smoke. Keep away from food and drink. 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**Appearance**

Physical state Liquid.
Form Liquid. Two component cartridge
Color Brown. and Black

Odor Hydrocarbon-like.

Odor threshold 0.4 ppm

pH Not available.

Melting point/freezing point Forms crystals below 10°C

Initial boiling point and boiling range 347 °F (175 °C)

Flash point 101.0 °F (38.3 °C)

Evaporation rate Not available.

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

| | |
|--|---|
| Flammability limit - lower (%) | 0.7 % estimated |
| Flammability limit - upper (%) | 5 % estimated |
| Explosive limit - lower (%) | Not available. |
| Explosive limit - upper (%) | Not available. |
| Vapor pressure | 3.4 hPa estimated |
| Vapor density | 4.9 |
| Relative density | Not available. |
| Solubility(ies) | |
| Solubility (water) | 6.8 mg/l |
| Partition coefficient (n-octanol/water) | Not available. |
| Auto-ignition temperature | 392 °F (200 °C) |
| Decomposition temperature | Not available. |
| Viscosity | Not available. |
| Other information | |
| Density | 0.90 - 1.30 g/cm ³ |
| Explosive properties | Not explosive. |
| Explosivity | Not Explosive |
| Flammability class | Combustible II estimated |
| Oxidizing properties | Not oxidizing. No oxidizing properties. |
| Percent volatile | < 10 % |
| Specific gravity | 0.9 - 1.3 estimated |
| VOC (Weight %) | 88 g/l |

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. |
| Conditions to avoid | Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| Incompatible materials | Acids. Strong oxidizing agents. Alcohols. |
| Hazardous decomposition products | No hazardous decomposition products are known. |

11. Toxicological information

Information on likely routes of exposure

| | |
|---------------------|---|
| Inhalation | Fatal if inhaled. May cause damage to organs through prolonged or repeated exposure by inhalation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| Skin contact | Causes skin irritation. May cause an allergic skin reaction. |
| Eye contact | Causes serious eye irritation. |
| Ingestion | Harmful if swallowed. |

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

Information on toxicological effects

Acute toxicity Fatal if inhaled. Harmful if swallowed. May cause respiratory irritation. May cause an allergic skin reaction.

| Product | Species | Test Results |
|---|---------|-----------------------------|
| CIM 1000TG Cartridge | | |
| Acute | | |
| Inhalation | | |
| LC50 | Rat | 2.5 mg/l, 4 Hours estimated |
| Components | Species | Test Results |
| Carbon black (CAS 1333-86-4) | | |
| Acute | | |
| Oral | | |
| LD50 | Rat | > 8000 mg/kg |
| DIPHENYLMETHANE DIISOCYANATE [ISOMERS AND HOMOLOGUES] (CAS 9016-87-9) | | |
| Acute | | |
| Inhalation | | |
| LC50 | Rat | 0.369 mg/l, 4 Hours |
| Isomer | Species | Test Results |
| 4,4'-Methylenediphenyl diisocyanate (CAS 101-68-8) | | |
| Acute | | |
| Inhalation | | |
| LC50 | Rat | 0.369 mg/l, 4 Hours |

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

Skin corrosion/irritation Causes skin irritation.
Serious eye damage/eye irritation Causes serious eye irritation.

Respiratory or skin sensitization

Canada - British Columbia OELs: Respiratory or skin sensitiser

4,4'-Methylenediphenyl diisocyanate (CAS 101-68-8) Capable of causing respiratory, dermal or conjunctival sensitization.
DIPHENYLMETHANE DIISOCYANATE [ISOMERS AND HOMOLOGUES] (CAS 9016-87-9) Capable of causing respiratory, dermal or conjunctival sensitization.

Canada - Quebec OELs: Sensitizer

4,4'-Methylenediphenyl diisocyanate (CAS 101-68-8) Sensitizer.
DIPHENYLMETHANE DIISOCYANATE [ISOMERS AND HOMOLOGUES] (CAS 9016-87-9) Sensitizer.

Respiratory sensitization May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Skin sensitization May cause an allergic skin reaction.

Germ cell mutagenicity May cause genetic defects.

Carcinogenicity May cause cancer.

ACGIH Carcinogens

Carbon black (CAS 1333-86-4) A3 Confirmed animal carcinogen with unknown relevance to humans.

Canada - Manitoba OELs: carcinogenicity

CARBON BLACK, INHALABLE FRACTION (CAS 1333-86-4) Confirmed animal carcinogen with unknown relevance to humans.

IARC Monographs. Overall Evaluation of Carcinogenicity

4,4'-Methylenediphenyl diisocyanate (CAS 101-68-8) 3 Not classifiable as to carcinogenicity to humans.
Carbon black (CAS 1333-86-4) 2B Possibly carcinogenic to humans.
DIPHENYLMETHANE DIISOCYANATE [ISOMERS AND HOMOLOGUES] (CAS 9016-87-9) 3 Not classifiable as to carcinogenicity to humans.
Stoddard solvent (CAS 8052-41-3) 3 Not classifiable as to carcinogenicity to humans.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

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

Specific target organ toxicity - repeated exposure Causes damage to organs through prolonged or repeated exposure.

| | |
|--------------------------|--|
| Aspiration hazard | Not an aspiration hazard. |
| Chronic effects | Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects. |

12. Ecological information

Ecotoxicity Toxic to aquatic life with long lasting effects.

| Product | Species | Test Results |
|--|---|----------------------------------|
| CIM 1000TG Cartridge | | |
| Aquatic | | |
| Fish | LC50 Fish | 48.6901 mg/l, 96 hours estimated |
| Components | Species | Test Results |
| Distillates (petroleum), Hydrotreated Light (CAS 64742-47-8) | | |
| Aquatic | | |
| Fish | LC50 Rainbow trout, donaldson trout (Oncorhynchus mykiss) | 2.9 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)
Stoddard solvent 3.16 - 7.15

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 Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. 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 Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

TDG

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

Canadian regulations

Controlled Drugs and Substances Act

Not regulated.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

Greenhouse Gases

Not listed.

Precursor Control Regulations

Not regulated.

International regulations**Stockholm Convention**

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto protocol

Not applicable.

Montreal Protocol

Not applicable.

Basel Convention

Not applicable.

International Inventories

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|--|------------------------|
| Australia | Australian Inventory of Chemical Substances (AICS) | Yes |
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |
| 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) | Yes |
| New Zealand | New Zealand Inventory | Yes |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | Yes |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other Information

Issue date 05-10-2017

Revision date 05-11-2017

Version # 02

Disclaimer

CIM INDUSTRIES INC cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information offered in this data sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication, however, no guarantee is made to its accuracy. This 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 other process. This material is intended for industrial use only. No warranty, expressed or implied is made.

Revision information

Hazard(s) identification: Prevention
 Hazard(s) identification: Response
 Composition/information on ingredients: Component information
 Exposure controls/personal protection: General hygiene considerations
 Physical & Chemical Properties: Multiple Properties
 Transport Information: Material Transportation Information
 Regulatory information: International regulations
 Other Information: Further information