# CRC.

# SAFETY DATA SHEET

#### 1. Identification

Product identifier Extreme Duty Open Gear and Chain Lube

Other means of identification

Product code 03058

Recommended use Gear and chain lube

**Recommended restrictions** None known.

Manufacturer/Importer/Supplier/Distributor information

Manufactured or sold by:

Company name CRC Industries, Inc.

Address 885 Louis Dr.

Warminster, PA 18974 US

Telephone

**Health hazards** 

**General Information** 215-674-4300 **Technical** 800-521-3168

**Assistance** 

 Customer Service
 800-272-4620

 24-Hour Emergency
 800-424-9300 (US)

(CHEMTREC) 703-527-3887 (International)
Website www.crcindustries.com

# 2. Hazard(s) identification

Physical hazards Flammable aerosols Category 1

Gases under pressure

Skin corrosion/irritation

Serious eye damage/eye irritation

Category 2

Germ cell mutagenicity

Category 2

Category 2

Carcinogenicity Category 1A

Specific target organ toxicity, single exposure Category 3 narcotic effects

Environmental hazards Hazardous to the aquatic environment, Category 3

Not classified.

long-term hazard

OSHA defined hazards

Label elements



Signal word Danger

Hazard statement Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin

irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing

genetic defects. May cause cancer. Harmful 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/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Extinguish all flames, pilot lights and heaters. Vapors will accumulate readily and may ignite. Use only with adequate ventilation; maintain ventilation during use and until all vapors are gone. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Avoid breathing mist or vapor. Avoid breathing gas. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.

Material name: Extreme Duty Open Gear and Chain Lube 898 Version #: 01 Issue date: 06-30-2014

**Response** If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off

contaminated clothing and wash before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. 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 attention.

Storage Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to

temperatures exceeding 50°C/122°F. Exposure to high temperature may cause can to burst.

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

Hazard(s) not otherwise classified (HNOC)

None known.

#### Supplemental information

66.9% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment. When exposed to extreme heat or hot surfaces, vapors may decompose to harmful or fatal corrosive gases such as hydrogen chloride and possibly phosgene.

# 3. Composition/information on ingredients

#### **Mixtures**

| Chemical name           | Common name and synonyms | CAS number | %       |
|-------------------------|--------------------------|------------|---------|
| Liquefied Petroleum Gas |                          | 68476-85-7 | 30 - 40 |
| Petroleum asphalt       |                          | 8052-42-4  | 20 - 30 |
| Trichloroethylene       |                          | 79-01-6    | 20 - 30 |
| Graphite                |                          | 7782-42-5  | 5 - 10  |
| Molybdenum disulphide   |                          | 1317-33-5  | 5 - 10  |

Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

#### 4. First-aid measures

| Inhalation | Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is |
|------------|--|
|            | difficult, give oxygen. Call a POISON CENTER or doctor/physician if you feel unwell.                 |

Skin contact Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off

contaminated clothing and wash 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** Drink plenty of water. Do not induce vomiting. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Irritation of eyes and mucous membranes. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. May cause redness and pain.

Indication of immediate medical attention and special treatment needed

**General information** 

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

### 5. Fire-fighting measures

**Suitable extinguishing media** Foam. Dry powder. Carbon dioxide (CO2).

**Unsuitable extinguishing** Do not use water jet as an extinguisher, as this will spread the fire. **media** 

Specific hazards arising from the chemical

Contents under pressure. Pressurized container may explode when exposed to heat or flame. When exposed to extreme heat or hot surfaces, vapors may decompose to harmful or fatal corrosive gases such as hydrogen chloride and possibly phosgene.

Special protective equipment and precautions for firefighters

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Fire-fighting equipment/instructions General fire hazards

In case of fire: Stop leak if safe to do so. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up.

Extremely flammable aerosol.

#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid inhalation of vapors or mists. Avoid breathing gas. 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. This product is miscible in water. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways. Stop the flow of material, if this is without risk. Collect spillage. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

**Environmental precautions** 

Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. 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. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Use caution around energized equipment. The metal container will conduct electricity if it contacts a live source. This may result in injury to the user from electrical shock and/or flash fire. Avoid breathing mist or vapor. Avoid breathing gas. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Use only in well-ventilated areas. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Avoid release to the environment. Do not empty into drains. For product usage instructions, please see the product label.

Conditions for safe storage, including any incompatibilities

Level 3 Aerosol.

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

#### 8. Exposure controls/personal protection

| Occupa | tional e | exposi | ıre | lir | nits |
|--------|----------|--------|-----|-----|------|
| 110    | OCHA     | Table  | 7   | 4 1 | imit |

| US. OSHA Table Z-1 Limits for Air Contar<br>Components | Type    | Value      | Form                 |
|--|---------|------------|----------------------|
| Graphite (CAS 7782-42-5)                               | PEL     | 5 mg/m3    | Respirable fraction. |
|  |         | 15 mg/m3   | Total dust.          |
| Liquefied Petroleum Gas<br>(CAS 68476-85-7)            | PEL     | 1800 mg/m3 |                      |
| ,  |         | 1000 ppm   |                      |
| Molybdenum disulphide (CAS 1317-33-5)                  | PEL     | 15 mg/m3   | Total dust.          |
| US. OSHA Table Z-2 (29 CFR 1910.1000)                  |         |            |                      |
| Components   | Туре    | Value      |                      |
| Trichloroethylene (CAS 79-01-6)                        | Ceiling | 200 ppm    |                      |
| •  | TWA     | 100 ppm    |                      |
| US. OSHA Table Z-3 (29 CFR 1910.1000)                  |         |            |                      |
| Components   | Туре    | Value      |                      |
| Graphite (CAS 7782-42-5)                               | TWA     | 15 mppcf   |                      |
| US. ACGIH Threshold Limit Values                       |         |            |                      |
| Components   | Туре    | Value      | Form                 |
| Graphite (CAS 7782-42-5)                               | TWA     | 2 mg/m3    | Respirable fraction. |
|  |         |            |                      |

| US. ACGIH Threshold Limit Value          | es            |            |                      |
|--|---------------|------------|----------------------|
| Components                               | Туре          | Value      | Form                 |
| Molybdenum disulphide<br>(CAS 1317-33-5) | TWA           | 3 mg/m3    | Respirable fraction. |
|  |               | 10 mg/m3   | Inhalable fraction.  |
| Petroleum asphalt (CAS<br>8052-42-4)     | TWA           | 0.5 mg/m3  | Inhalable fraction.  |
| Trichloroethylene (CAS 79-01-6)          | STEL          | 25 ppm     |                      |
| ,  | TWA           | 10 ppm     |                      |
| US. NIOSH: Pocket Guide to Che           | mical Hazards |            |                      |
| Components                               | Туре          | Value      | Form                 |
| Graphite (CAS 7782-42-5)                 | TWA           | 2.5 mg/m3  | Respirable.          |
| Liquefied Petroleum Gas (CAS 68476-85-7) | TWA           | 1800 mg/m3 |                      |
| ,  |               | 1000 ppm   |                      |
| Petroleum asphalt (CAS 8052-42-4)        | Ceiling       | 5 mg/m3    | Fume.                |
| Trichloroethylene (CAS 79-01-6)          | TWA           | 25 ppm     |                      |

#### **Biological limit values**

| ACGIH Biological Expos Components | Value    | Determinant                                 | Specimen | Sampling Time |
|-----------------------------------|----------|---|----------|---------------|
| Trichloroethylene (CAS 79-01-6)   | 15 mg/l  | Trichloroacetic acid                        | Urine    | *             |
|                                   | 0.5 mg/l | Trichloroethano<br>I, without<br>hydrolysis | Blood    | *             |

<sup>\* -</sup> For sampling details, please see the source document.

# 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. Eye wash facilities and emergency shower must be available when handling this product.

# Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection Wear protective gloves such as: Nitrile. Polyvinyl chloride (PVC).

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

Respiratory protection If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a

NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to

determine actual employee exposure levels.

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

General hygiene considerations

When using do not smoke. 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**

Physical state Liquid.
Form Aerosol.
Color Black.
Odor Solvent.
Odor threshold Not available.
pH Not available.

Melting point/freezing point -120.5 °F (-84.7 °C) estimated

Initial boiling point and boiling > 599 °F (> 315 °C)

range

Flash point > 599 °F (> 315 °C) Tag Closed Cup

**Evaporation rate** Fast.

Not available. Flammability (solid, gas) Upper/lower flammability or explosive limits

Flammability limit - lower

8 % estimated

Flammability limit - upper

(%)

10.5 %

33641.2 hPa estimated Vapor pressure

Vapor density > 1 (air = 1)1.23 Relative density Solubility (water) Negligible. Partition coefficient Not available.

(n-octanol/water)

788 °F (420 °C) estimated **Auto-ignition temperature** 

**Decomposition temperature** Not available. Viscosity (kinematic) Not available. Percent volatile > 70 %

# 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.

Heat, flames and sparks. Avoid temperatures exceeding the flash point. When exposed to extreme Conditions to avoid

heat or hot surfaces, vapors may decompose to harmful or fatal corrosive gases such as hydrogen

chloride and possibly phosgene. Contact with incompatible materials.

Strong oxidizing agents. Metal oxides. Incompatible materials

**Hazardous decomposition** 

products

Carbon oxides. Hydrogen chloride. Phosgene.

# 11. Toxicological information

#### Information on likely routes of exposure

May be harmful if swallowed. Ingestion

Inhalation Prolonged or excessive inhalation may cause respiratory tract irritation. Symptoms of

overexposure may be headache, dizziness, tiredness, nausea and vomiting.

Skin contact Causes skin irritation.

Eve contact Causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics Irritation of eyes and mucous membranes. May cause redness and pain. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Symptoms of overexposure may be

headache, dizziness, tiredness, nausea and vomiting.

#### Information on toxicological effects

**Acute toxicity** Narcotic effects.

**Product Species Test Results** 

Extreme Duty Open Gear and Chain Lube

**Acute** Dermal

LD50 Rabbit 3858.0247 mg/kg estimated

Inhalation

LC50 Rat 56400 mg/m3, 4 hours estimated

26752.7676 ppm, 4 hours estimated

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| Product | Species | Test Results                     |
|---------|---------|----------------------------------|
|         |         | 157.5646 mg/l, 4 hours estimated |
| NOEL    | Rat     | 2693.7271 mg/l estimated         |
| Oral    |         |                                  |
| LD50    | Rat     | 8954.0508 mg/kg estimated        |

<sup>\*</sup> Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation** Causes skin irritation.

Serious eye damage/eye

Causes serious eye irritation.

irritation

**Respiratory sensitization** Not available.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity** Suspected of causing genetic defects.

**Carcinogenicity** May cause cancer.

# IARC Monographs. Overall Evaluation of Carcinogenicity

Petroleum asphalt (CAS 8052-42-4)

2B Possibly carcinogenic to humans.

Trichloroethylene (CAS 79-01-6) 1 Carcinogenic to humans.

#### US. National Toxicology Program (NTP) Report on Carcinogens

Trichloroethylene (CAS 79-01-6) Reasonably Anticipated to be a Human Carcinogen.

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

Specific target organ toxicity -

single exposure

May cause drowsiness or dizziness.

Specific target organ toxicity -

repeated exposure

Not classified.

**Aspiration hazard** Not an aspiration hazard.

**Chronic effects** Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

# 12. Ecological information

| otoxicity             | Harmful to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected. |  |                                   |
|-----------------------|---|--|-----------------------------------|
| Product               |   | Species  | Test Results                      |
| Extreme Duty Open G   | Sear and Chain Lub  | e  |                                   |
| Aquatic               |   |  |                                   |
| Acute                 |   |  |                                   |
| Crustacea             | EC50  | Daphnia  | 8.1181 mg/l, 48 hours estimated   |
| Fish                  | LC50  | Fish   | 129.2365 mg/l, 96 hours estimated |
| Components            |   | Species  | Test Results                      |
| Graphite (CAS 7782-4  | 12-5)   |  |                                   |
| Aquatic               |   |  |                                   |
| Acute                 |   |  |                                   |
| Fish                  | LC50  | Fish   | > 1800 mg/l, 96 hours             |
| Trichloroethylene (CA | S 79-01-6)  |  |                                   |
| Aquatic               |   |  |                                   |
| Fish                  | LC50  | Fathead minnow (Pimephales promelas)           | 31.4 - 71.8 mg/l, 96 hours        |
| Acute                 |   |  |                                   |
| Crustacea             | EC50  | Water flea (Daphnia magna)                     | 2.2 mg/l, 48 hours                |
| Fish                  | LC50  | Fathead minnow (Pimephales promelas)           | 31.4 - 71.8 mg/l, 96 hours        |
| 1 1011                | 2000  | . actions fillinion (i intopriates profitetas) | 7 1.0 mg/i, 00 mould              |

<sup>\*</sup> 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 No data available.

Partition coefficient n-octanol / water (log Kow)

Trichloroethylene 2.61

**Mobility in soil** No data available.

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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 of waste from residues / unused products

This material and its container must be disposed of as hazardous waste. Consult authorities before disposal. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical

or used container. Dispose in accordance with all applicable regulations.

D040: Waste Trichloroethylene Hazardous waste code

F001: Waste Trichloroethylene - Spent halogenated solvent used in degreasing

F002: Waste Trichloroethylene - Spent halogenated solvent

Empty containers should be taken to an approved waste handling site for recycling or disposal. Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is

emptied.

# 14. Transport information

DOT

UN1950 **UN** number

**UN proper shipping name** Transport hazard class(es) Aerosols, flammable, Limited Quantity, MARINE POLLUTANT

Class 2.1 Subsidiary risk 6.1(PGIII)

Label(s) 2.1 Packing group Not applicable.

**Environmental hazards** 

Marine pollutant

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

Special provisions N82 Packaging exceptions 306 Packaging non bulk None Packaging bulk None

**IATA** 

UN1950 **UN number** 

Aerosols, flammable, containing substances in Division 6.1, Packing Group III **UN proper shipping name** 

Transport hazard class(es)

Class 2.1 Subsidiary risk 6.1(PGIII)

Not applicable. Packing group

**Environmental hazards** No. 10P **ERG Code** 

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

Other information

Allowed. Passenger and cargo

aircraft

Cargo aircraft only Allowed.

**IMDG** 

**UN** number UN1950

**UN** proper shipping name Transport hazard class(es)

AEROSOLS, MARINE POLLUTANT

Class 2

6.1(PGIII) Subsidiary risk Packing group Not applicable.

**Environmental hazards** 

Yes Marine pollutant

**EmS** Not available.

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

# 15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

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

Not regulated.

#### SARA 304 Emergency release notification

Not regulated.

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

Not listed.

#### US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance

Trichloroethylene (CAS 79-01-6)

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

Trichloroethylene (CAS 79-01-6)

#### **CERCLA Hazardous Substances: Reportable quantity**

Trichloroethylene (CAS 79-01-6)

100 LBS

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.

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

Trichloroethylene (CAS 79-01-6)

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

Not regulated.

Safe Drinking Water Act

Not regulated.

(SDWA)

Food and Drug

Not regulated.

Administration (FDA)

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

Section 311/312 Immediate Hazard - Yes
Hazard categories Delayed Hazard - Yes

Fire Hazard - Yes Pressure Hazard - Yes Reactivity Hazard - No

SARA 302 Extremely hazardous substance

#### **US** state regulations

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

No

Graphite (CAS 7782-42-5)

Liquefied Petroleum Gas (CAS 68476-85-7)

Petroleum asphalt (CAS 8052-42-4)

Trichloroethylene (CAS 79-01-6)

#### **US. Massachusetts RTK - Substance List**

Graphite (CAS 7782-42-5)

Liquefied Petroleum Gas (CAS 68476-85-7)

Molybdenum disulphide (CAS 1317-33-5)

Petroleum asphalt (CAS 8052-42-4)

Trichloroethylene (CAS 79-01-6)

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

Trichloroethylene (CAS 79-01-6)

Graphite (CAS 7782-42-5)

Liquefied Petroleum Gas (CAS 68476-85-7)

Petroleum asphalt (CAS 8052-42-4)

#### **US. Rhode Island RTK**

Trichloroethylene (CAS 79-01-6)

#### **US. California Proposition 65**

WARNING: This product contains a chemical known to the State of California to cause cancer.

# US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Trichloroethylene (CAS 79-01-6) Listed: April 1, 1988

#### Volatile organic compounds (VOC) regulations

**EPA** 

VOC content (40 CFR > 52 %

51.100(s))

Consumer products (40 CFR 59, Subpt. C)

Not regulated

State

**Consumer products** 

This product is regulated as a Gear, Chain or Wire Lubricant (aerosol). This product is not compliant to be sold for use in California. This product is compliant in all other states.

**VOC content (CA)** > 37 % **VOC content (OTC)** > 37 %

#### **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) | Yes                    |
| 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                    |

\*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).

Toxic Substances Control Act (TSCA) Inventory

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

Issue date06-30-2014Prepared byAllison Cho

Version # 01

United States & Puerto Rico

Further information Not available.

HMIS® ratings Health: 2\*
Flammability: 4
Physical bazard:

Physical hazard: 0 Personal protection: B

NFPA ratings Health: 2

Flammability: 4 Instability: 0

NFPA ratings



Disclaimer

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label. For further clarification of any information contained on this (M)SDS consult your supervisor, a health & safety professional, or CRC Industries.

Yes