



# SAFETY DATA SHEET

## 1. Identification

<b>Product identifier</b>	<b>MICROLUBE (A)</b>	
<b>Other means of identification</b>		
<b>Product code</b>	600-6400012	
<b>Recommended use</b>	Lubricant	
<b>Recommended restrictions</b>	None known.	
<b>Manufacturer/Importer/Supplier/Distributor information</b>		
<b>Company name</b>	MEGA-LAB MANUFACTURING CO. LTD.	
<b>Address</b>	25 PLANCHET ROAD CONCORD, ON L4K 2C5 Canada	
<b>Telephone</b>	General Assistance	1-905-532-9000
<b>E-mail</b>	Not available.	
<b>Emergency phone number</b>	<b>CANUTEC 1-613-996-6666 (24HRS)</b>	

## 2. Hazard(s) identification

<b>Physical hazards</b>	Flammable aerosols	Category 1
<b>Health hazards</b>	Germ cell mutagenicity	Category 1B
	Carcinogenicity	Category 1B
	Reproductive toxicity (the unborn child)	Category 2
	Specific target organ toxicity, repeated exposure	Category 2

### Label elements



<b>Signal word</b>	Danger	
<b>Hazard statement</b>	Extremely flammable aerosol. May cause genetic defects. May cause cancer. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure.	
<b>Precautionary statement</b>		
<b>Prevention</b>	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. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe gas. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.	
<b>Response</b>	IF exposed or concerned: Get medical advice/attention.	
<b>Storage</b>	Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.	
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.	
<b>Environmental hazards</b>	Hazardous to the aquatic environment, acute hazard	Category 3
	Hazardous to the aquatic environment, long-term hazard	Category 3
<b>Other hazards</b>	None known.	
<b>Supplemental information</b>	None.	

### 3. Composition/information on ingredients

#### Mixtures

Chemical name	Common name and synonyms	CAS number	%
Methylene Chloride		75-09-2	40 - 70
Butane		106-97-8	10 - 30
Toluene		108-88-3	7 - 13
Propane		74-98-6	5 - 10
Isopropyl Alcohol		67-63-0	1 - 5
Methanol		67-56-1	0.1 - 1
Propylene Oxide		75-56-9	0.1 - 1
Other components below reportable levels			3 - 7

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

### 4. First-aid measures

<b>Inhalation</b>	If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.
<b>Skin contact</b>	Wash off with soap and water. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Rinse with water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur.
<b>Most important symptoms/effects, acute and delayed</b>	Dizziness. Nausea. Prolonged exposure may cause chronic effects.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
<b>General information</b>	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.

### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	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>	Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
<b>Fire fighting equipment/instructions</b>	Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
<b>Specific methods</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. In the event of fire and/or explosion do not breathe fumes.
<b>General fire hazards</b>	Extremely flammable aerosol.

### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	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 gas. 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.
<b>Methods and materials for containment and cleaning up</b>	Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Prevent product from entering drains. For waste disposal, see section 13 of the SDS.

**Environmental precautions**

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. 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. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe gas. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

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

Level 1 Aerosol.

Store locked up. 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 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
Butane (CAS 106-97-8)	STEL	1000 ppm
Isopropyl Alcohol (CAS 67-63-0)	STEL	400 ppm
Methanol (CAS 67-56-1)	TWA	200 ppm
	STEL	250 ppm
Methylene Chloride (CAS 75-09-2)	TWA	200 ppm
	TWA	50 ppm
Propylene Oxide (CAS 75-56-9)	TWA	2 ppm
Toluene (CAS 108-88-3)	TWA	20 ppm

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

Components	Type	Value
Butane (CAS 106-97-8)	TWA	1000 ppm
Isopropyl Alcohol (CAS 67-63-0)	STEL	984 mg/m3
	TWA	400 ppm 492 mg/m3 200 ppm
Methanol (CAS 67-56-1)	STEL	328 mg/m3 250 ppm
	TWA	262 mg/m3 200 ppm
Methylene Chloride (CAS 75-09-2)	TWA	174 mg/m3 50 ppm
Propane (CAS 74-98-6)	TWA	1000 ppm
Propylene Oxide (CAS 75-56-9)	TWA	4.7 mg/m3
	TWA	2 ppm
Toluene (CAS 108-88-3)	TWA	188 mg/m3 50 ppm

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

Components	Type	Value
Butane (CAS 106-97-8)	STEL	750 ppm

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

Components	Type	Value
Isopropyl Alcohol (CAS 67-63-0)	TWA	600 ppm
	STEL	400 ppm
Methanol (CAS 67-56-1)	TWA	200 ppm
	STEL	250 ppm
Methylene Chloride (CAS 75-09-2)	TWA	200 ppm
	TWA	25 ppm
Propylene Oxide (CAS 75-56-9)	TWA	2 ppm
Toluene (CAS 108-88-3)	TWA	20 ppm

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

Components	Type	Value
Butane (CAS 106-97-8)	STEL	1000 ppm
Isopropyl Alcohol (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm
Methanol (CAS 67-56-1)	STEL	250 ppm
	TWA	200 ppm
Methylene Chloride (CAS 75-09-2)	TWA	50 ppm
	TWA	50 ppm
Propylene Oxide (CAS 75-56-9)	TWA	2 ppm
Toluene (CAS 108-88-3)	TWA	20 ppm

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

Components	Type	Value
Butane (CAS 106-97-8)	TWA	800 ppm
Isopropyl Alcohol (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm
Methanol (CAS 67-56-1)	STEL	250 ppm
	TWA	200 ppm
Methylene Chloride (CAS 75-09-2)	TWA	50 ppm
	TWA	50 ppm
Propylene Oxide (CAS 75-56-9)	TWA	2 ppm
Toluene (CAS 108-88-3)	TWA	20 ppm

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

Components	Type	Value
Butane (CAS 106-97-8)	TWA	1900 mg/m3
		800 ppm
Isopropyl Alcohol (CAS 67-63-0)	STEL	1230 mg/m3
		500 ppm
Methanol (CAS 67-56-1)	TWA	983 mg/m3
		400 ppm
	STEL	328 mg/m3
		250 ppm
TWA	262 mg/m3	
	200 ppm	
Methylene Chloride (CAS 75-09-2)	TWA	174 mg/m3
		50 ppm
Propane (CAS 74-98-6)	TWA	1800 mg/m3
		1000 ppm
Propylene Oxide (CAS 75-56-9)	TWA	48 mg/m3

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

Components	Type	Value
Toluene (CAS 108-88-3)	TWA	20 ppm 188 mg/m3 50 ppm

**Biological limit values**

**ACGIH Biological Exposure Indices**

Components	Value	Determinant	Specimen	Sampling Time
Isopropyl Alcohol (CAS 67-63-0)	40 mg/l	Acetone	Urine	*
Methanol (CAS 67-56-1)	15 mg/l	Methanol	Urine	*
Methylene Chloride (CAS 75-09-2)	0.3 mg/l	Dichloromethane	Urine	*
Toluene (CAS 108-88-3)	0.3 mg/g	o-Cresol, with hydrolysis	Creatinine in urine	*
	0.03 mg/l	Toluene	Urine	*
	0.02 mg/l	Toluene	Blood	*

\* - For sampling details, please see the source document.

**Exposure guidelines**

**Canada - Alberta OELs: Skin designation**

Methanol (CAS 67-56-1) Can be absorbed through the skin.  
Toluene (CAS 108-88-3) Can be absorbed through the skin.

**Canada - British Columbia OELs: Skin designation**

Methanol (CAS 67-56-1) Can be absorbed through the skin.

**Canada - Manitoba OELs: Skin designation**

Methanol (CAS 67-56-1) Can be absorbed through the skin.

**Canada - Ontario OELs: Skin designation**

Methanol (CAS 67-56-1) Can be absorbed through the skin.

**Canada - Quebec OELs: Skin designation**

Methanol (CAS 67-56-1) Can be absorbed through the skin.  
Toluene (CAS 108-88-3) Can be absorbed through the skin.

**Canada - Saskatchewan OELs: Skin designation**

Methanol (CAS 67-56-1) Can be absorbed through the skin.  
Toluene (CAS 108-88-3) Can be absorbed through the skin.

**US ACGIH Threshold Limit Values: Skin designation**

Methanol (CAS 67-56-1) Can be absorbed through the skin.

**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.

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

**Eye/face protection** If contact is likely, safety glasses with side shields are recommended.

**Skin protection**

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

**Other** Use of an impervious apron is recommended.

**Respiratory protection** If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

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

**General hygiene considerations**

Observe any medical surveillance requirements. 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** Gas.

<b>Form</b>	Aerosol.
<b>Color</b>	Not available.
<b>Odor</b>	Not available.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	325.91 °F (163.28 °C) estimated
<b>Flash point</b>	-156.0 °F (-104.4 °C) propellant estimated
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	9.8 % estimated
<b>Flammability limit - upper (%)</b>	16.6 % estimated
<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>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	1005.34 °F (540.74 °C) estimated
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Explosive properties</b>	Not explosive.
<b>Oxidizing properties</b>	Not oxidizing.
<b>Specific gravity</b>	0.316 estimated

## 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.
<b>Conditions to avoid</b>	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents. Nitrates. Fluorine. Chlorine.
<b>Hazardous decomposition products</b>	No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	May cause damage to organs through prolonged or repeated exposure by inhalation.
<b>Skin contact</b>	No adverse effects due to skin contact are expected.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.
<b>Ingestion</b>	Expected to be a low ingestion hazard.

**Symptoms related to the physical, chemical and toxicological characteristics** Dizziness. Nausea.

### Information on toxicological effects

**Acute toxicity**

<b>Components</b>	<b>Species</b>	<b>Test Results</b>
Butane (CAS 106-97-8)		
<b><u>Acute</u></b>		
<b>Inhalation</b>		
LC50	Mouse	1237 mg/l, 120 Minutes 52 %, 120 Minutes
	Rat	1355 mg/l
Isopropyl Alcohol (CAS 67-63-0)		
<b><u>Acute</u></b>		
<b>Dermal</b>		
LD50	Rabbit	16.4 ml/kg, 24 Hours
<b>Inhalation</b>		
LC50	Rat	> 10000 ppm, 6 Hours
<b>Oral</b>		
LD50	Rat	5.84 g/kg
Methanol (CAS 67-56-1)		
<b><u>Acute</u></b>		
<b>Inhalation</b>		
LC50	Cat	85.41 mg/l, 4.5 Hours 43.68 mg/l, 6 Hours
	Mouse	79.43 mg/l, 134 Minutes
	Rat	> 115.9 mg/l, 4 Hours 82.1 mg/l, 6 Hours
<b>Oral</b>		
LD50	Monkey	6000 mg/kg
	Pig	> 5000 mg/kg
	Rat	1187 - 2769 mg/kg
Methylene Chloride (CAS 75-09-2)		
<b><u>Acute</u></b>		
<b>Dermal</b>		
LD50	Rat	> 2000 mg/kg, Days
<b>Inhalation</b>		
<i>Vapor</i>		
LC50	Mouse	49000 mg/m3, 7 Hours
<b>Oral</b>		
LD50	Rat	> 2000 mg/kg
Propane (CAS 74-98-6)		
<b><u>Acute</u></b>		
<b>Inhalation</b>		
LC50	Mouse	1237 mg/l, 120 Minutes 52 %, 120 Minutes
	Rat	1355 mg/l 658 mg/l/4h
Propylene Oxide (CAS 75-56-9)		
<b><u>Acute</u></b>		
<b>Dermal</b>		
LD50	Rabbit	950 - 1250 mg/kg, 4 Hours 1.5 ml/kg, 4 Hours

Components	Species	Test Results
<b>Inhalation</b>		
LC50	-	4197 ppm, 4 Hours 4124 mg/m3, 4 Hours
<b>Oral</b>		
LD50	Rat	382 - 587 mg/kg
Toluene (CAS 108-88-3)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 5000 mg/kg, 24 Hours
<b>Inhalation</b>		
LC50	Mouse	6405 - 7436 ppm, 6 Hours 5320 ppm, 8 Hours
	Rat	5879 - 6281 ppm, 6 Hours 25.7 mg/l, 4 Hours
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg

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

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation** Direct contact with eyes may cause temporary irritation.

#### Respiratory or skin sensitization

##### ACGIH sensitization

Propylene Oxide (CAS 75-56-9)

Dermal sensitization

##### Canada - British Columbia OELs: Respiratory or skin sensitizer

Propylene Oxide (CAS 75-56-9)

Capable of causing respiratory, dermal or conjunctival sensitization.

##### Canada - Saskatchewan OELs Hazard Data: Sensitizer

Propylene Oxide (CAS 75-56-9)

Sensitizer.

**Respiratory sensitization** Not a respiratory sensitizer.

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

**Germ cell mutagenicity** May cause genetic defects.

**Carcinogenicity** May cause cancer.

##### ACGIH Carcinogens

Isopropyl Alcohol (CAS 67-63-0)

A4 Not classifiable as a human carcinogen.

Methylene Chloride (CAS 75-09-2)

A3 Confirmed animal carcinogen with unknown relevance to humans.

Propylene Oxide (CAS 75-56-9)

A3 Confirmed animal carcinogen with unknown relevance to humans.

Toluene (CAS 108-88-3)

A4 Not classifiable as a human carcinogen.

##### Canada - Manitoba OELs: carcinogenicity

2-PROPANOL (CAS 67-63-0)

Not classifiable as a human carcinogen.

DICHLOROMETHANE (CAS 75-09-2)

Confirmed animal carcinogen with unknown relevance to humans.

PROPYLENE OXIDE (CAS 75-56-9)

Confirmed animal carcinogen with unknown relevance to humans.

TOLUENE (CAS 108-88-3)

Not classifiable as a human carcinogen.

##### Canada - Quebec OELs: Carcinogen category

Methylene Chloride (CAS 75-09-2)

Suspected carcinogenic effect in humans.

Propylene Oxide (CAS 75-56-9)

Suspected carcinogenic effect in humans.

##### IARC Monographs. Overall Evaluation of Carcinogenicity

Methylene Chloride (CAS 75-09-2)

2A Probably carcinogenic to humans.

Propylene Oxide (CAS 75-56-9)

2B Possibly carcinogenic to humans.

Toluene (CAS 108-88-3)

3 Not classifiable as to carcinogenicity to humans.

**Reproductive toxicity** Suspected of damaging the unborn child.



<b>Specific target organ toxicity - single exposure</b>	Not classified.
<b>Specific target organ toxicity - repeated exposure</b>	Respiratory system. Skin. Kidneys. Central nervous system. Eyes. Liver. May cause damage to organs through prolonged or repeated exposure.
<b>Aspiration hazard</b>	Not likely, due to the form of the product.
<b>Chronic effects</b>	May cause damage to organs through prolonged or repeated exposure. Prolonged exposure may cause chronic effects.

## 12. Ecological information

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

Components	Species	Test Results
Isopropyl Alcohol (CAS 67-63-0)		
<b>Aquatic</b>		
Algae	IC50	Algae 1000.0001 mg/L, 72 Hours
Crustacea	EC50	Daphnia 13299 mg/L, 48 Hours
Fish	LC50	Bluegill (Lepomis macrochirus) > 1400 mg/l, 96 hours
Methanol (CAS 67-56-1)		
<b>Aquatic</b>		
Crustacea	EC50	Water flea (Daphnia magna) > 10000 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas) > 100 mg/l, 96 hours
Methylene Chloride (CAS 75-09-2)		
<b>Aquatic</b>		
Algae	IC50	Algae 500.0001 mg/L, 72 Hours
Crustacea	EC50	Daphnia 1689.5 mg/L, 48 Hours
		Water flea (Daphnia magna) 1250 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas) 140.8 - 277.8 mg/l, 96 hours
Propylene Oxide (CAS 75-56-9)		
<b>Aquatic</b>		
Crustacea	EC50	Daphnia 350 mg/L, 48 Hours
Toluene (CAS 108-88-3)		
<b>Aquatic</b>		
Algae	IC50	Algae 433.0001 mg/L, 72 Hours
Crustacea	EC50	Daphnia 7.645 mg/L, 48 Hours
		Water flea (Daphnia magna) 5.46 - 9.83 mg/l, 48 hours
Fish	LC50	Coho salmon,silver salmon (Oncorhynchus kisutch) 8.11 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)

Butane	2.89
Isopropyl Alcohol	0.05
Methanol	-0.77
Methylene Chloride	1.25
Propane	2.36
Propylene Oxide	0.03
Toluene	2.73

**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

<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. 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 of contents/container in accordance with local/regional/national/international regulations.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	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).
<b>Contaminated packaging</b>	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. Do not re-use empty containers.

### 14. Transport information

#### TDG

<b>UN number</b>	UN1950
<b>UN proper shipping name</b>	AEROSOLS, flammable
<b>Transport hazard class(es)</b>	
<b>Class</b>	2.1
<b>Subsidiary risk</b>	-
<b>Packing group</b>	Not applicable.
<b>Environmental hazards</b>	D
<b>Special precautions for user</b>	Not available.

This product meets the exemption requirements and may be shipped as a limited quantity.

#### IATA

<b>UN number</b>	UN1950
<b>UN proper shipping name</b>	Aerosols, flammable
<b>Transport hazard class(es)</b>	
<b>Class</b>	2.1
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	2.1
<b>Packing group</b>	Not applicable.
<b>Environmental hazards</b>	No.
<b>ERG Code</b>	10L
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

**Other information**

<b>Passenger and cargo aircraft</b>	Allowed with restrictions.
<b>Cargo aircraft only</b>	Allowed with restrictions.

#### IMDG

<b>UN number</b>	UN1950
<b>UN proper shipping name</b>	AEROSOLS
<b>Transport hazard class(es)</b>	
<b>Class</b>	2.1
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	2.1
<b>Packing group</b>	Not applicable.
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	No.
<b>EmS</b>	F-D, S-U
<b>Special precautions for user</b>	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 applicable.



## 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

Toluene (CAS 108-88-3)

Class B

### 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)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
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 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

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**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.