





# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	1299	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	BRAKE OUT	<b>EMERGENCY TELEPHONE:</b>	1-800-241-8180
<b>PRODUCT DESCRIPTION:</b>	Aerosol Brake Parts Cleaner	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	<b>PRO CHEM, INC.</b> 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

<b>GHS CLASSIFICATION:</b> Flammable aerosols: Category 1 Serious eye damage/eye irritation: Category 2A Sensitization, skin: Category 1 Specific target organ toxicity, single exposure: Category 3 narcotic effects	<b>SIGNAL WORD:</b> <b>DANGER</b>	<b>SYMBOL:</b>		
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### HAZARD STATEMENTS:

Extremely flammable aerosol. May cause an allergic skin reaction. Causes serious eye irritation. May cause drowsiness or dizziness.

### PRECAUTIONARY STATEMENTS:

**Prevention:** 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. Avoid breathing gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear eye protection/face protection. Wear protective gloves.

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

**Storage:** Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

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

### ENVIRONMENTAL HAZARDS:

Hazardous to the aquatic environment, acute hazard: Category 3

Hazardous to the aquatic environment, long-term hazard: Category 3

### HAZARDS NOT OTHERWISE SPECIFIED:

None known.

### SUPPLEMENTAL INFORMATION:

None.

## 3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
Acetone	67-64-1	63.176
Methyl Acetate	79-20-9	17.726
Carbon Dioxide	124-38-9	9.1
Xylene	1330-20-7	4.03
n-Heptane	142-82-5	1.33
Ethyl Benzene	100-41-4	0.9
d-Limonene	5989-27-5	0.273
Other components below reportable levels		3.46605

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

## 4. First Aid Measures

### EMERGENCY OVERVIEW

**GENERAL:** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

**EYES:** 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.

**SKIN:** 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.

**INHALATION:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

**INGESTION:** In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth.

### MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision. May cause an allergic skin reaction. Dermatitis. Rash.

### INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

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

## 5. Fire Fighting Measures

### SUITABLE FIRE EXTINGUISHING MEDIA:

Alcohol resistant foam. Powder. Carbon dioxide (CO<sub>2</sub>).

### UNSUITABLE FIRE EXTINGUISHING MEDIA:

Do not use water jet as an extinguisher, as this will spread the fire.

### SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

### SPECIFIC FIRE-FIGHTING METHODS:

Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure buildup. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. Use standard firefighting procedures and consider the hazards of other involved materials. In the event of fire and/or explosion do not breathe fumes.

### SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

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

### GENERAL FIRE HAZARDS:

Extremely flammable aerosol.

## 6. Accidental Release Measures

### PERSONAL PRECAUTIONS:

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during cleanup. Avoid breathing 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.

### MATERIALS AND METHODS FOR CLEANUP:

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. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. 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. 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

### SAFE HANDLING:

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 reuse empty containers. Avoid breathing gas. Avoid contact with eyes, skin and clothing. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

### SAFE STORAGE & INCOMPATIBILITIES:

Level 2 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
Acetone (CAS 67-64-1)	STEL	500 ppm
	TWA	250 ppm
Carbon Dioxide (CAS 124-38-9)	STEL	30000 ppm
	TWA	5000 ppm
Ethyl Benzene (CAS 100-41-4)	TWA	20 ppm
Methyl Acetate (CAS 79-20-9)	STEL	250 ppm
	TWA	200 ppm
n-Heptane (CAS 142-82-5)	STEL	500 ppm
	TWA	400 ppm
Xylene (CAS 1330-20-7)	STEL	150 ppm
	TWA	100 ppm

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

COMPONENTS	TYPE	VALUE
Acetone (CAS 67-64-1)	STEL	1800 mg/m <sup>3</sup>
		750 ppm
	TWA	1200 mg/m <sup>3</sup>
		500 ppm

Carbon Dioxide (CAS 124-38-9)	STEL	54000 mg/m <sup>3</sup> 30000 ppm
	TWA	9000 mg/m <sup>3</sup> 5000 ppm
Ethyl Benzene (CAS 100-41-4)	STEL	543 mg/m <sup>3</sup> 125 ppm
	TWA	434 mg/m <sup>3</sup> 100 ppm
Methyl Acetate (CAS 79-20-9)	STEL	757 mg/m <sup>3</sup> 250 ppm
	TWA	606 mg/m <sup>3</sup> 200 ppm
n-Heptane (CAS 142-82-5)	STEL	2050 mg/m <sup>3</sup> 500 ppm
	TWA	1640 mg/m <sup>3</sup> 400 ppm
Xylene (CAS 1330-20-7)	STEL	651 mg/m <sup>3</sup> 150 ppm
	TWA	434 mg/m <sup>3</sup> 100 ppm

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

COMPONENTS	TYPE	VALUE
Acetone (CAS 67-64-1)	STEL	500 ppm
	TWA	250 ppm
Carbon Dioxide (CAS 124-38-9)	STEL	15000 ppm
	TWA	5000 ppm
Ethyl Benzene (CAS 100-41-4)	TWA	20 ppm
Methyl Acetate (CAS 79-20-9)	STEL	250 ppm
	TWA	200 ppm
n-Heptane (CAS 142-82-5)	STEL	500 ppm
	TWA	400 ppm
Xylene (CAS 1330-20-7)	STEL	150 ppm
	TWA	100 ppm

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

COMPONENTS	TYPE	VALUE
Acetone (CAS 67-64-1)	STEL	500 ppm
	TWA	250 ppm
Carbon Dioxide (CAS 124-38-9)	STEL	30000 ppm
	TWA	5000 ppm
Ethyl Benzene (CAS 100-41-4)	TWA	20 ppm
Methyl Acetate (CAS 79-20-9)	STEL	250 ppm
	TWA	200 ppm
n-Heptane (CAS 142-82-5)	STEL	500 ppm
	TWA	400 ppm
Xylene (CAS 1330-20-7)	STEL	150 ppm
	TWA	100 ppm

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

COMPONENTS	TYPE	VALUE
Acetone (CAS 67-64-1)	STEL	750 ppm
	TWA	500 ppm
Carbon Dioxide (CAS 124-38-9)	STEL	30000 ppm
	TWA	5000 ppm
Ethyl Benzene (CAS 100-41-4)	STEL	125 ppm
	TWA	100 ppm

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

COMPONENTS	TYPE	VALUE
Acetone (CAS 67-64-1)	STEL	2380 mg/m <sup>3</sup> 1000 ppm

	TWA	1190 mg/m <sup>3</sup> 500 ppm
Carbon Dioxide (CAS 124-38-9)	STEL	54000 mg/m <sup>3</sup> 30000 ppm
	TWA	9000 mg/m <sup>3</sup> 5000 ppm
Ethyl Benzene (CAS 100-41-4)	STEL	543 mg/m <sup>3</sup> 125 ppm
	TWA	434 mg/m <sup>3</sup> 100 ppm
Methyl Acetate (CAS 79-20-9)	STEL	757 mg/m <sup>3</sup> 250 ppm
	TWA	606 mg/m <sup>3</sup> 200 ppm
n-Heptane (CAS 142-82-5)	STEL	2050 mg/m <sup>3</sup> 500 ppm
	TWA	1640 mg/m <sup>3</sup> 400 ppm
Xylene (CAS 1330-20-7)	STEL	651 mg/m <sup>3</sup> 150 ppm
	TWA	434 mg/m <sup>3</sup> 100 ppm

**BIOLOGICAL LIMIT VALUE:**

**ACGIH Biological Exposure Indices**

COMPONENTS	VALUE	DETERMINANT	SPECIMEN	SAMPLING TIME
Acetone (CAS 67-64-1)	25 mg/l	Acetone	Urine	*
Ethyl Benzene (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*
Xylene (CAS 1330-20-7)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*

\*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. Provide eyewash station.

**INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:**



**Eye Protection:** Wear safety glasses with side shields (or goggles).

**Skin Protection:** Hand Protection: Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier. Wear appropriate chemical resistant clothing.

**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:** 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. Contaminated work clothing should not be allowed out of the workplace.

**9. Physical & Chemical Properties**

<b>Physical State:</b>	Gas.	<b>Flammability (solid/gas):</b>	Not available.
<b>Form:</b>	Aerosol.	<b>Flammability Limit–lower (%):</b>	2.6 % estimated.
<b>Color:</b>	Not available.	<b>Flammability Limit–upper (%):</b>	13.2 % estimated.
<b>Odor:</b>	Not available.	<b>Explosive Limit – lower (%):</b>	Not available.
<b>Odor Threshold:</b>	Not available.	<b>Explosive Limit – upper (%):</b>	Not available.
<b>pH:</b>	Not available.	<b>Vapor Pressure:</b>	80 - 100 psig @ 70°F estimated.
<b>Melting/Freezing Point:</b>	Not available.	<b>Vapor Density:</b>	Not available.
<b>Initial Boiling Point/Range:</b>	122.07 °F (50.04 °C) estimated.	<b>Relative Density:</b>	Not available.
<b>Partition Coeff (n-octanol/water):</b>	Not available.	<b>Solubility (water):</b>	Not available.
<b>Viscosity:</b>	Not available.	<b>Auto-Ignition Temperature:</b>	Not available.
<b>Specific Gravity:</b>	0.905 estimated.	<b>Decomposition Temperature:</b>	Not available.
<b>Flash Point:</b>	- 0.4 °F (-18.0 °C) estimated.	<b>Evaporation Rate:</b>	Not available.
<b>Explosive Properties:</b>	Not explosive.	<b>Oxidizing Properties:</b>	Not oxidizing.

## 10. Stability & Reactivity Information

### REACTIVITY:

The product is stable and nonreactive under normal conditions of use, storage and transport.

### CHEMICAL STABILITY:

Material is stable under normal conditions.

### POSSIBILITY OF HAZARDOUS REACTIONS:

Hazardous polymerization does not occur.

### INCOMPATIBLE MATERIALS:

Strong acids. Acids. Strong oxidizing agents. Nitrates. Aluminum. Halogens.

### CONDITIONS TO AVOID:

Avoid temperatures exceeding the flash point. Contact with incompatible materials.

### HAZARDOUS DECOMPOSITION PRODUCTS:

No hazardous decomposition products are known.

## 11. Toxicological Information

### PRIMARY ROUTE OF ENTRY:

**Eyes:** Causes serious eye irritation.

**Skin:** May cause an allergic skin reaction.

**Inhalation:** May cause drowsiness and dizziness. Headache. Nausea, vomiting.

**Ingestion:** Expected to be a low ingestion hazard.

### SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision. May cause an allergic skin reaction. Dermatitis. Rash.

**ACUTE TOXICITY:** Narcotic effects. May cause an allergic skin reaction.

COMPONENTS	SPECIES	TEST RESULTS
<hr/>		
Acetone (CAS 67-64-1)		
<hr/>		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Guinea pig	>7426 mg/kg, 24 Hours
	Rabbit	>9.4 ml/kg, 24 Hours
		>7426 mg/kg, 24 Hours
		>9.4 ml/kg, 24 Hours
<i>Inhalation</i>		
LC50	Rat	55700 ppm, 3 Hours
		132 mg/l, 3 Hours
		50.1 mg/l
<i>Oral</i>		
LD50	Rat	5800 mg/kg
		2.2 ml/kg
<hr/>		
d-Limonene (CAS 5989-27-5)		
<hr/>		
<b>Acute</b>		
<i>Oral</i>		
LD50	Rat	>2000 mg/kg
<hr/>		
Ethyl Benzene (CAS 100-41-4)		
<hr/>		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	17.8 ml/kg, 24 Hours
<i>Inhalation</i>		
LC50	Mouse	>8000 ppm, 20 Minutes
	Rat	4000 ppm
<i>Oral</i>		
LD50	Rat	3500 mg/kg
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Methyl Acetate (CAS 79-20-9)		
<hr/>		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rat	>2000 mg/kg, 24 Hours
<i>Inhalation</i>		
LC100	Rabbit	98.4 mg/l, 4 Hours
<i>Oral</i>		
LD50	Rat	6482 mg/kg
<hr/>		
n-Heptane (CAS 142-82-5)		
<hr/>		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	>2000 mg/kg, 24 Hours
<i>Inhalation</i>		
LC50	Rat	>29.29 mg/l, 4 Hours
<i>Oral</i>		
LD50	Rat	>5000 mg/kg

Xylene (CAS 1330-20-7)

**Acute**

*Dermal*

LD50

Rabbit >5000 ml/kg, 4 Hours  
12126 mg/kg, 24 Hours

*Inhalation*

LC50

Rat 5922 ppm, 4 Hours

*Oral*

LD50

Mouse 5251 mg/kg  
Rat 3523 mg/kg  
10 ml/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/IRRITATION:**

Causes serious eye irritation.

**RESPIRATORY SENSITIZATION:**

Not a respiratory sensitizer.

**SKIN SENSITIZATION:**

May cause an allergic skin reaction.

**GERM CELL MUTAGENICITY:**

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

**CARCINOGENICITY:**

Risk of cancer cannot be excluded with prolonged exposure.

**ACGIH Carcinogens**

Acetone (CAS 67-64-1)	A4 Not classifiable as a human carcinogen.
Ethyl Benzene (CAS 100-41-4)	A3 Confirmed animal carcinogen with unknown relevance to humans.
Xylene (CAS 1330-20-7)	A4 Not classifiable as a human carcinogen.

**Canada - Manitoba OELs: carcinogenicity**

Acetone (CAS 67-64-1)	Not classifiable as a human carcinogen.
Ethyl Benzene (CAS 100-41-4)	Confirmed animal carcinogen with unknown relevance to humans.
Xylene (O, M and P Isomers) (CAS 1330-20-7)	Not classifiable as a human carcinogen.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

d-Limonene (CAS 5989-27-5)	3 Not classifiable as to carcinogenicity to humans.
Ethyl Benzene (CAS 100-41-4)	2B Possibly carcinogenic to humans.
Xylene (CAS 1330-20-7)	3 Not classifiable as to carcinogenicity to humans.

**REPRODUCTIVE TOXICITY:**

Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals.

**SPECIFIC TARGET ORGAN TOXICITY (single exposure):**

May cause drowsiness and dizziness.

**SPECIFIC TARGET ORGAN TOXICITY (repeated exposures):**

Not classified.

**ASPIRATION HAZARD:**

Not likely, due to the form of the product.

**CHRONIC EFFECTS:**

Prolonged exposure may cause chronic effects.

**12. Ecological Information**

**ECOTOXICITY:** Harmful to aquatic life with long lasting effects.

COMPONENTS	SPECIES	TEST RESULTS
Acetone (CAS 67-64-1)		
<b>Aquatic</b>		
Crustacea	EC50	Water flea (Daphnia magna)
Fish	LC50	Rainbow trout, donaldson trout (Oncorhynchus mykiss)
d-Limonene (CAS 5989-27-5)		
<b>Aquatic</b>		
Crustacea	EC50	Water flea (Daphnia pulex)
Fish	LC50	Fathead minnow (Pimephales promelas)
Ethyl Benzene (CAS 100-41-4)		
<b>Aquatic</b>		
Algae	IC50	Algae
Crustacea	EC50	Daphnia
Fish	LC50	Water flea (Daphnia magna)
		Fathead minnow (Pimephales promelas)
Methyl Acetate (CAS 79-20-9)		
<b>Aquatic</b>		
Algae	IC50	Algae
Crustacea	EC50	Daphnia
Fish	LC50	Fathead minnow (Pimephales promelas)
n-Heptane (CAS 142-82-5)		
<b>Aquatic</b>		
Fish	LC50	Mozambique tilapia (Tilapia mossambica)
Xylene (CAS 1330-20-7)		
<b>Aquatic</b>		
Fish	LC50	Bluegill (Lepomis macrochirus)

\* 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)	
Acetone	-0.24
d-Limonene	4.232
Ethyl Benzene	3.15
Methyl Acetate	0.18
n-Heptane	4.66
Xylene	3.12 - 3.2

**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 Consideration****DISPOSAL INSTRUCTIONS:**

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.

**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. Do not reuse empty containers.

**14. Transportation Information**

**TDG:** UN Number: UN1950.

UN Proper Shipping Name: AEROSOLS, flammable.

Transport Hazard Class(es)

Class: 2.1.

Subsidiary Risk: -

Packing Group: Not applicable.

Environmental Hazards: D.

Special Precautions for User: Read safety instructions, SDS and emergency procedures before handling.



**IATA:**

UN Number: UN1950.

UN Proper Shipping Name: Aerosols, flammable.

Transport Hazard Class(es)

Class: 2.1.

Subsidiary Risk: -

Label(s): 2.1.

Packing Group: Not applicable.

Environmental Hazards: No.

ERG Code: 10L

Special Precautions for User: Read safety instructions, SDS and emergency procedures before handling.

Other Information:

Passenger and Cargo Aircraft: Allowed with restrictions.

Cargo Aircraft Only: Allowed with restrictions.



**IMDG:**

UN NUMBER: UN1950

UN Proper Shipping Name: AEROSOLS.

Transport Hazard Class(es)

Class: 2.1

Subsidiary Risk: -

Label(s): 2.1.

Packing Group: Not applicable.

Environmental Hazards:

Marine pollutant: No.

EmS: F-D, S-U

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 applicable.

## 15. Regulatory Information

### CANADIAN REGULATIONS:

**CONTROLLED DRUGS AND SUBSTANCES ACT:** Not regulated.

**EXPORT CONTROL LIST (CEPA 1999, SCHEDULE 3):** Not listed.

### GREENHOUSE GASES:

Carbon Dioxide (CAS 124-38-9)

### PRECURSER CONTROL REGULATIONS:

Acetone (CAS 67-64-1) Class B

### INTERNATIONAL REGULATIONS:

**STOCKHOLM CONVENTION:** Not applicable.

**ROTTERDAM CONVENTION:** Not applicable.

### KYTO PROTOCOL:

Carbon Dioxide (CAS 124-38-9) Listed.

**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)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
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

### DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.