

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product number INO-AES900
Material name GRAFFITI REMOVER
Company information DISSAN MAINTENANCE PRODUCTS
 9280, BOULEVARD DU GOLF
 VILLE D 'ANJOU, ON H1J 3A1 Canada
Company phone General Assistance 514-789-6363
Emergency telephone US 1-866-836-8855
Emergency telephone outside US 1-952-852-4646
Version # 01
Expiry Date 05-Aug-2017
Product use Cleaner

2. Hazards Identification

Emergency overview Flammable aerosol. CONTENTS UNDER PRESSURE.
 Pressurized container may explode when exposed to heat or flame. Yields a flame projection at full valve opening or a flashback at any degree of valve opening. Will be easily ignited by heat, spark or flames. TOXIC. Cancer hazard. Irritating to eyes and skin.

 Teratogenic. Can cause adverse reproductive effects - such as birth defects, miscarriages, or infertility. Prolonged exposure may cause chronic effects.

Potential health effects

Routes of exposure Inhalation. Ingestion. Skin contact. Eye contact.

Eyes Contact with eyes may cause irritation. Avoid contact with eyes.

Skin May cause skin irritation. Avoid contact with the skin.

Inhalation May cause cancer by inhalation. Intentional misuse by concentrating and inhaling the product can be harmful or fatal. May cause irritation of respiratory tract. Prolonged inhalation may be harmful.

Ingestion Exposure by ingestion of an aerosol is unlikely. Irritating. May cause nausea, stomach pain and vomiting. Do not ingest.

Target organs Kidneys.

Chronic effects Sterility. Pregnant women or women of child-bearing age should not be exposed to this product. Can cause adverse reproductive effects - such as birth defects, miscarriages, or infertility. May cause birth defects. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

Signs and symptoms Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Symptoms are prostration, gasping, pallor, and uncoordinated movements. Symptoms may include redness, edema, drying, defatting and cracking of the skin.

Potential environmental effects Components of this product are hazardous to aquatic life. May cause long-term adverse effects in the environment.

3. Composition / Information on Ingredients

Components	CAS #	Percent
Methylene Chloride	75-09-2	30 - 60
Butane Toluene	106-97-8	15 - 40
Perchloroethylene	108-88-3	10 - 30
Propane	127-18-4	7 - 13
Cocoyl Diethanolamide	74-98-6	7 - 13
Diethanolamine	68603-42-9	1 - 5
	111-42-2	0.1 - 1

Components	CAS #	Percent
Propylene Oxide	75-56-9	0.1 - 1
Other components below reportable levels		0.1 - 1

4. First Aid Measures

First aid procedures

Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Continue rinsing. Call a physician or poison control center immediately.
Skin contact	Remove and isolate contaminated clothing and shoes. Immediately flush skin with plenty of water. Call a physician or poison control center immediately. For minor skin contact, avoid spreading material on unaffected skin. Wash clothing separately before reuse.
Inhalation	Move to fresh air. 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.
Ingestion	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth thoroughly. Never give anything by mouth to a victim who is unconscious or is having convulsions. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

Notes to physician

In case of shortness of breath, give oxygen. Symptoms may be delayed.

General advice

In case of shortness of breath, give oxygen. If you feel unwell, seek medical advice (show the label where possible). Get medical attention if symptoms occur. 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. Keep victim under observation. Keep victim warm.

5. Fire Fighting Measures

Flammable properties

Flammable by WHMIS criteria. Heat may cause the containers to explode. Ruptured cylinders may rocket. Vapors may travel considerable distance to a source of ignition and flash back.

Extinguishing media

Suitable extinguishing media
Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

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

Protection of firefighters

Specific hazards arising from the chemical
Contents under pressure. Pressurized container may explode when exposed to heat or flame.

Protective equipment for firefighters
Firefighters should wear full protective clothing including self contained breathing apparatus. Structural firefighters protective clothing will only provide limited protection.

Fire fighting equipment/instructions

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Do not direct water at source of leak or safety devices as icing may occur. 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. Some of these materials, if spilled, may evaporate leaving a flammable residue.

Explosion data

Sensitivity to static discharge
Not available.

Sensitivity to mechanical impact
Not available.

Hazardous combustion products

Not available.

6. Accidental Release Measures

Personal precautions	Consider initial downwind evacuation for at least 500 meters (1/3 mile). Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Pay attention to flashback. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. For personal protection, see section 8 of the MSDS.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not contaminate water.
Methods for containment	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. If possible, turn leaking containers so that gas escapes rather than liquid. Move the cylinder to a safe and open area if the leak is irreparable. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Keep out of low areas. Prevent entry into waterways, sewer, basements or confined areas.
Methods for cleaning up	Ventilate the area. Should not be released into the environment. 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. Clean up in accordance with all applicable regulations. For waste disposal, see section 13 of the MSDS.
Other information	Clean up in accordance with all applicable regulations.

7. Handling and Storage

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 re-use empty containers. Do not breathe mist or vapor. Do not get this material in contact with eyes. Do not get this material in contact with skin. Avoid prolonged exposure. Do not get this material on clothing. When using do not eat or drink. Do not use in areas without adequate ventilation. Wear personal protective equipment. Wash thoroughly after handling. Avoid release to the environment.
Storage	Level 1 Aerosol. Keep locked up. Contents under pressure. The pressure in sealed containers can increase under the influence of heat. Do not expose to heat or store at temperatures above 120°F/49°C as can may burst. 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. Refrigeration recommended. Keep away from food, drink and animal feedingstuffs. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the MSDS). Level 1 Aerosol (NFPA 30B)

8. Exposure Controls / Personal Protection

Occupational exposure limits

US. ACGIH Threshold Limit Values Components	Type	Value	Form
Butane (CAS 106-97-8)	STEL	1000 ppm	
Diethanolamine (CAS 111-42-2)	TWA	1 mg/m ³	Inhalable fraction and vapor.
Methylene Chloride (CAS 75-09-2)	TWA	50 ppm	
Perchloroethylene (CAS 127-18-4)	STEL	100 ppm	
	TWA	25 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	
Diethanolamine (CAS 111-42-2)	TWA	2 mg/m ³	

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

Components	Type	Value
Methylene Chloride (CAS 75-09-2)	TWA	174 mg/m3
Perchloroethylene (CAS 127-18-4)		50 ppm
		678 mg/m3
	TWA	100 ppm
Propane (CAS 74-98-6)		170 mg/m3
		25 ppm
	TWA	1000 ppm
Propylene Oxide (CAS 75-56-9)	TWA	4.7 mg/m3
		2 ppm
Toluene (CAS 108-88-3)		188 mg/m3
		50 ppm
	TWA	

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
	TWA	600 ppm
Diethanolamine (CAS 111-42-2)	TWA	2 mg/m3
Methylene Chloride (CAS 75-09-2)	TWA	25 ppm
Perchloroethylene (CAS 127-18-4)	STEL	100 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	Form
Butane (CAS 106-97-8)	STEL	1000 ppm	
Diethanolamine (CAS 111-42-2)	TWA	1 mg/m3	Inhalable fraction and vapor.
Methylene Chloride (CAS 75-09-2)	TWA	50 ppm	
Perchloroethylene (CAS 127-18-4)	STEL	100 ppm	
	TWA	25 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	Form
Butane (CAS 106-97-8)	TWA	800 ppm	
Diethanolamine (CAS 111-42-2)	TWA	1 mg/m3	Inhalable fraction and vapor.
Methylene Chloride (CAS 75-09-2)	TWA	50 ppm	
Perchloroethylene (CAS 127-18-4)	STEL	100 ppm	
	TWA	25 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

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

Components	Type	Value
Diethanolamine (CAS 111-42-2)	TWA	800 ppm 13 mg/m3
Methylene Chloride (CAS 75-09-2)	TWA	3 ppm 174 mg/m3
Perchloroethylene (CAS 127-18-4)	STEL	50 ppm 685 mg/m3
Propane (CAS 74-98-6)	TWA	100 ppm 170 mg/m3
	TWA	25 ppm 1800 mg/m3
Propylene Oxide (CAS 75-56-9)	TWA	1000 ppm 48 mg/m3
Toluene (CAS 108-88-3)	TWA	20 ppm 188 mg/m3
	TWA	50 ppm
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)		
Components	Type	Value
Methylene Chloride (CAS 75-09-2)	STEL	125 ppm
	TWA	25 ppm
US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)		
Components	Type	Value
Propane (CAS 74-98-6)	PEL	1800 mg/m3 1000 ppm
	PEL	240 mg/m3
Propylene Oxide (CAS 75-56-9)	PEL	100 ppm
	PEL	100 ppm
US. OSHA Table Z-2 (29 CFR 1910.1000)		
Components	Type	Value
Perchloroethylene (CAS 127-18-4)	Ceiling	200 ppm
	TWA	100 ppm
Toluene (CAS 108-88-3)	Ceiling	300 ppm
	TWA	200 ppm

Biological limit values

ACGIH Biological Exposure Indices Components	Value	Determinant	Specimen	Sampling Time
Methylene Chloride (CAS 75-09-2)	0.3 mg/l	Dichloromethane	Urine	*
Perchloroethylene (CAS 127-18-4)	0.5 mg/l	Tetrachloroethylene	Blood	*
	3 ppm	Tetrachloroethylene	End-exhaled air	*
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

Diethanolamine (CAS 111-42-2)

Can be absorbed through the skin.

Toluene (CAS 108-88-3)

Can be absorbed through the skin.

Canada - British Columbia OELs: Skin designation	
Diethanolamine (CAS 111-42-2)	Can be absorbed through the skin.
Canada - Manitoba OELs: Skin designation	
Diethanolamine (CAS 111-42-2)	Can be absorbed through the skin.
Canada - Ontario OELs: Skin designation	
Diethanolamine (CAS 111-42-2)	Can be absorbed through the skin.
Canada - Quebec OELs: Skin designation	
Diethanolamine (CAS 111-42-2)	Can be absorbed through the skin.
Toluene (CAS 108-88-3)	Can be absorbed through the skin.
Canada - Saskatchewan OELs: Skin designation	
Diethanolamine (CAS 111-42-2)	Can be absorbed through the skin.
Toluene (CAS 108-88-3)	Can be absorbed through the skin.
US ACGIH Threshold Limit Values: Skin designation	
Diethanolamine (CAS 111-42-2)	Can be absorbed through the skin.
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. Ensure adequate ventilation, especially in confined areas.
Personal protective equipment	
Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin protection	Wear chemical protective equipment that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
Respiratory protection	If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.
Hand protection	Wear protective gloves.

9. Physical & Chemical Properties

Appearance

Physical state	Liquid.
Form	Aerosol. Compressed gas.
Color	Not available.
Odor	Not available.
Odor threshold	Not available.
pH	Not available.
Vapor pressure	40 - 55 psig @20C estimated
Vapor density	Not available.
Boiling point	87 °F (30.55 °C) estimated
Melting point/Freezing point	Not available.
Solubility (water)	Not available.
Specific gravity	0.473 estimated
Relative density	Not available.
Flash point	-156.0 °F (-104.4 °C) Propellant estimated
Flammability limits in air, upper, % by volume	Not available.
Flammability limits in air, lower, % by volume	Not available.
Auto-ignition temperature	Not available.
Evaporation rate	Not available.
Partition coefficient (n-octanol/water)	Not available.

10. Chemical Stability & Reactivity Information

Chemical stability	Risk of explosion.
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Conditions to avoid	Heat, flames and sparks. Aerosol containers are unstable at temperatures above 49°C. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Nitrates. Fluorine. Chlorine.
Hazardous decomposition products	Hydrogen chloride.
Possibility of hazardous reactions	Hazardous polymerization does not occur.

11. Toxicological Information

Toxicological data

Product	Species	Test Results
18 OZ INO GRAFFITI REMOVER LB 12PK (CAS Mixture)		
Acute		
Dermal		
LD50	Rabbit	33333.332 mg/kg, 24 Hours estimated 697.6744 ml/kg, 4 Hours estimated
	Rat	4314 mg/kg estimated
Inhalation		
LC100	Cat	300 % estimated
LC50	Mouse	42700 ppm, 6 Hours estimated 35466.668 ppm, 8 Hours estimated 4123.3335 mg/l, 120 Minutes estimated 173.3333 %, 120 Minutes estimated 114.5261 mg/l, 7 Hours estimated 53.3333 mm/l, 2 Hours estimated
	Rat	43410 ppm, 4 Hours estimated 39193.332 ppm, 6 Hours estimated 81.8237 mg/l estimated 81.7442 mg/l/4h estimated
Components	Species	Test Results
Butane (CAS 106-97-8)		
Acute		
Inhalation		
LC50	Mouse	1237 mg/l, 120 Minutes 52 %, 120 Minutes
	Rat	1355 mg/l
Diethanolamine (CAS 111-42-2)		
Acute		
Oral		
LD50	Rat	1100 mg/kg
Methylene Chloride (CAS 75-09-2)		
Acute		
Dermal		
LD50	Rat	> 2000 mg/kg, Days
Inhalation		
LC50	Mouse	49 mg/l, 7 Hours
Propane (CAS 74-98-6)		
Acute		
Inhalation		
LC50	Mouse	1237 mg/l, 120 Minutes 52 %, 120 Minutes

Components	Species	Test Results
	Rat	1355 mg/l 658 mg/l/4h
Propylene Oxide (CAS 75-56-9)		
Acute		
Dermal		
LD50	Rabbit	950 - 1250 mg/kg, 4 Hours 1.5 ml/kg, 4 Hours
Inhalation		
LC50	-	4197 ppm, 4 Hours 4124 mg/m ³ , 4 Hours
Oral		
LD50	Rat	382 - 587 mg/kg
Toluene (CAS 108-88-3)		
Acute		
Dermal		
LD50	Rabbit	> 5000 mg/kg, 24 Hours
Inhalation		
LC50	Mouse	6405 - 7436 ppm, 6 Hours 5320 ppm, 8 Hours
	Rat	5879 - 6281 ppm, 6 Hours 12.5 - 28.8 mg/l, 4 Hours
Oral		
LD50	Rat	5000 mg/kg
Acute effects		
Sensitization	Not available.	
Chronic effects	Hazardous by WHMIS criteria. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.	
Carcinogenicity	Hazardous by WHMIS criteria. Cancer hazard.	
ACGIH Carcinogens		
Diethanolamine (CAS 111-42-2)		A3 Confirmed animal carcinogen with unknown relevance to humans.
Methylene Chloride (CAS 75-09-2)		A3 Confirmed animal carcinogen with unknown relevance to humans.
Perchloroethylene (CAS 127-18-4)		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.
IARC Monographs. Overall Evaluation of Carcinogenicity		
Cocoyl Diethanolamide (CAS 68603-42-9)		2B Possibly carcinogenic to humans.
Diethanolamine (CAS 111-42-2)		2B Possibly carcinogenic to humans.
Methylene Chloride (CAS 75-09-2)		2B Possibly carcinogenic to humans.
Perchloroethylene (CAS 127-18-4)		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.
Skin corrosion/irritation	Not available.	
Serious eye damage/irritation	Not available.	
Mutagenicity	Not available.	
Reproductive effects	Hazardous by WHMIS criteria. May cause reproductive system disorder and/or damage. Can cause adverse reproductive effects - such as birth defects, miscarriages, or infertility.	
Teratogenicity	Hazardous by WHMIS criteria. Avoid exposure to women during early pregnancy.	

Synergistic materials Not available.
 Further information Reproductive toxicity. Symptoms may be delayed.

12. Ecological Information

Ecotoxicological data

Product		Species	Test Results
18 OZ INO GRAFFITI REMOVER LB 12PK (CAS Mixture)			
Aquatic			
Algae	IC50	Algae	633.1032 mg/L, 72 Hours estimated
Crustacea	EC50	Daphnia	29.0131 mg/L, 48 Hours estimated
Fish	LC50	Fish	50.8722 mg/L, 96 Hours estimated
Components			
Diethanolamine (CAS 111-42-2)			
Aquatic			
Algae	IC50	Algae	7.8 mg/L, 72 Hours
Crustacea	EC50	Daphnia	55 mg/L, 48 Hours
Fish	LC50	Fathead minnow (Pimephales promelas)	100 mg/l, 96 hours
Methylene Chloride (CAS 75-09-2)			
Aquatic			
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
Perchloroethylene (CAS 127-18-4)			
Aquatic			
Crustacea	EC50	Daphnia	7.55 mg/L, 48 Hours
		Water flea (Daphnia magna)	6.1 - 9 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	4.82 mg/l, 96 hours
Propylene Oxide (CAS 75-56-9)			
Aquatic			
Crustacea	EC50	Daphnia	350 mg/L, 48 Hours
Toluene (CAS 108-88-3)			
Aquatic			
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
Ecotoxicity	Components of this product are hazardous to aquatic life.		
Environmental effects	Harmful to aquatic organisms. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.		
Aquatic toxicity	Not available.		
Persistence and degradability	Not available.		
Partition coefficient			
Butane		2.89	
Diethanolamine		-1.43	
Methylene Chloride		1.25	
Perchloroethylene		3.4	
Propane		2.36	
Propylene Oxide		0.03	
Toluene		2.73	

13. Disposal Considerations

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. Dispose in accordance with all applicable regulations.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

14. Transport Information

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	Yes
Special precautions for user	Read safety instructions, MSDS 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) Packing group	2.1
Environmental hazards	Not applicable.
ERG Code	Yes 10L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, MSDS and emergency procedures before handling.
Other information	
Passenger and cargo aircraft	Allowed.
Cargo aircraft only	Allowed.

IMDG

UN number	UN1950
UN proper shipping name	AEROSOLS
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s) Packing group	None
Environmental hazards	Not applicable.
Marine pollutant	Yes
EmS	Not available.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, MSDS and emergency procedures before handling.

IATA; IMDG; TDG



Marine pollutant



General information

IMDG Regulated Marine Pollutant.

15. Regulatory Information

Canadian regulations

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

WHMIS status

Controlled

WHMIS classification

A - Compressed Gas
B5 - Flammable Aerosols
D1B - Immediate/Serious-TOXIC
D2A - Other Toxic Effects-VERY TOXIC
D2B - Other Toxic Effects-TOXIC

WHMIS labeling



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)	No
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	No
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

Sprayway 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 in the sheet was written based on the best knowledge and experience currently available. 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.

Prepared by

Not available.

This data sheet contains changes from the previous version in section(s):

Product and Company Identification: Product Uses
Composition / Information on Ingredients: Ingredients
Physical & Chemical Properties: Multiple Properties
Transport Information: Material Transportation Information
Regulatory Information: United States
GHS: Classification