

ICE ERASER #1261

Aerosol Spray Deicer



Features:

- High pressure spray quickly dissolves frost, ice and snow on contact
- Non-smearing formula for windshields and windows
- Methanol (deicing agent) is the same as what is used to deice airplanes
- Will not distort vision on windshields
- Will not dry out windshield wiper blades
- Will not harm vehicle finish
- Unfreezes car locks and wipers

Description:

ICE ERASER quickly melts frost, ice and snow. Its high-volume spray quickly removes these from windshields, vehicle windows and headlights. It unfreezes locks and windshield wipers.



Application:

- Windshields
- Truck Locks
- Door Handles
- A/C Equipment
- Wiper Blades
- Door Locks
- Door Creases
- Freezer Compartments
- Mirrors
- Headlights
- Chillers
- Windows

For Use On:

- Autos
- Buses
- Fleet Maintenance
- Trucks

Product Characteristics:

Appearance:	Spray Aerosol
Physical State:	Liquid
Odor:	No data available
Boiling Point:	Estimated 100°C
Density:	Estimated 0.853 g/cm ³
Relative Density:	No data available
Flash Point:	-156.0°F (-104.4°C)
Self-Ignition Temperature:	Estimated 458.76°C
Vapor Pressure:	4,481 - 5,860 hPa (20°C)
Explosive limit - upper (%):	Estimated 33.2% (V)
Explosive limit - lower (%):	Estimated 5.5% (V)
Flammability(solid/gas):	No data available
Storage:	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store locked up.
Transport Information:	
Proper Shipping Name:	Aerosols, flammable
UN Number:	UN1950
Class:	2.1
Packing Group:	Not applicable

Directions:

To Prevent Frozen Windshields & Locks:

Apply ICE ERASER immediately before freezing weather is expected. Use once every week in locks during cold weather.

To Melt Ice on Windshields, Car Windows & Headlights:

Start up car and turn on defroster. Hold can upright, direct spray toward ice and press button. For quicker action on windshields, turn on wipers.

To Open Frozen Locks:

Hold can upright, close to lock, direct the spray into lock. Will not harm vehicle's finish.

Pictograms:



Signal Word:

DANGER.

Personal Protective Equipment Required:



DOT Placard:



VOC Compliant:

Yes.

SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	1261	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	ICE ERASER	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Aerosol Spray Deicer	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION:

Physical Hazards: Flammable aerosol: Category 1

Health Hazards: Acute toxicity, oral: Category 3

Acute toxicity (dermal): Category 4

Acute toxicity, (inhalation- dust and mist): Category 4

Serious eye damage/eye irritation: Category 2A

Specific target organ toxicity, single exposure: Category 1

SIGNAL WORD:

DANGER

SYMBOL:



HAZARD STATEMENTS:

Extremely flammable aerosol. Toxic if swallowed. Harmful in contact with skin or if inhaled. Causes serious eye irritation. Causes damage to organs.

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. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapors/spray.

Response: 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. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of water IF SWALLOWED: Immediately call a POISON CENTER/doctor Rinse mouth. IF exposed or concerned: Call a POISON CENTER/doctor Specific treatment (see on this label). Wash contaminated clothing before reuse.

Storage: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

HAZARDS NOT OTHERWISE SPECIFIED:

None.

3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
Methanol	67-56-1	50 - <100%
2-Propanol	67-63-0	5 - <10%
1,2-Ethanediol	107-21-1	1 - <5%
Propane	74-98-6	1 - <5%
Carbon Dioxide	124-38-9	1 - <5%

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.
The exact concentration has been withheld as a trade secret.

4. First Aid Measures

EMERGENCY OVERVIEW:

EYES: Remove contact lenses, if present and easy to do. Continue rinsing. Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.

SKIN: Wash skin thoroughly with soap and water. Call a POISON CENTER/doctor if you feel unwell.

INHALATION:

Move to fresh air.

INGESTION:

Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

PERSONAL PROTECTION FOR FIRST-AID RESPONDERS:

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

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

Symptoms: No data available.

Hazards: No data available.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Treatment: Symptoms may be delayed.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Use fire-extinguishing media appropriate for surrounding materials.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

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

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Vapors may travel considerable distance to a source of ignition and flash back.

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 AND PRECAUTIONS FOR FIREFIGHTERS:

Special Fire-Fighting Procedures: No data available.

Special Protective Equipment for Fire-Fighters: 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:

Use water spray to keep fire-exposed containers cool. Fight fire from a protected location. Move containers from fire area if you can do so without risk.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

See Section 8 of the SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away. Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind.

ACCIDENTAL RELEASE MEASURE:

Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do so without risk.

ENVIRONMENTAL PRECAUTIONS:

Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:

Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.

7. Handling and Storage

TECHNICAL MEASURES (E.G LOCAL AND GENERAL VENTILATION):

No data available.

SAFE HANDLING:

Avoid contact with eyes, skin and clothing. Wash hands thoroughly after handling. Do not taste or swallow. Avoid contact with eyes. 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.

CONTACT AVOIDANCE MEASURES:

No data available.

SAFE STORAGE AND INCOMPATIBILITIES:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Aerosol Level 1

SAFE PACKAGING MATERIALS: No data available.

STORAGE TEMPERATURES: No data available.

8. Exposure Controls / Personal Protection

CONTROL PARAMETERS:

Occupational Exposure Limits:

Chemical Identity:	Type	Exposure Limit Values		Source
Methanol	STEL	250 ppm	325 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	TWA	200 ppm		US. ACGIH Threshold Limit Values, as amended
	STEL	250 ppm		US. ACGIH Threshold Limit Values, as amended
	STEL	250 ppm	325 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	REL	200 ppm	260 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	PEL	200 ppm	260 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA	200 ppm	260 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	STEL	400 ppm		US. ACGIH Threshold Limit Values, as amended
2-Propanol	STEL	500 ppm	1,225 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	TWA	200 ppm		US. ACGIH Threshold Limit Values, as amended
	REL	400 ppm	980 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	PEL	400 ppm	980 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA	400 ppm	980 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	STEL	400 ppm		US. ACGIH Threshold Limit Values, as amended
	STEL	500 ppm	1,225 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	Ceiling	50 ppm	125 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
1,2-Ethanediol	TWA	25 ppm		US. ACGIH Threshold Limit Values, as amended
1,2-Ethanediol - Vapor fraction	STEL	50 ppm		US. ACGIH Threshold Limit Values, as amended
1,2-Ethanediol - Aerosol, inhalable.	STEL		10 mg/m ³	US. ACGIH Threshold Limit Values, as amended
	REL	1,000 ppm	1,800 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Propane	PEL	1,000 ppm	1,800 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA	1,000 ppm	1,800 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	STEL	30,000 ppm		US. ACGIH Threshold Limit Values, as amended
Carbon Dioxide	TWA	5,000 ppm		US. ACGIH Threshold Limit Values, as amended
	STEL	30,000 ppm		US. ACGIH Threshold Limit Values, as amended

	STEL	30,000 ppm	54,000 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	REL	5,000 ppm	9,000 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	PEL	5,000 ppm	9,000 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA	10,000 ppm	18,000 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	STEL	30,000 ppm	54,000 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Morpholine	REL	20 ppm	70 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	STEL	30 ppm	105 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	TWA	20 ppm		US. ACGIH Threshold Limit Values, as amended
	TWA	20 ppm	70 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	STEL	30 ppm	105 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	PEL	20 ppm	70 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
Ethanol, 2-methoxy-	TWA	0.1 ppm		US. ACGIH Threshold Limit Values, as amended
	REL	0.1 ppm	0.3 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	TWA	25 ppm	80 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	PEL	25 ppm	80 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
1,2-Ethanediamine	TWA	10 ppm		US. ACGIH Threshold Limit Values, as amended
	PEL	10 ppm	25 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA	10 ppm	25 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	REL	10 ppm	25 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended

BIOLOGICAL LIMIT VALUES:

Chemical Identity	Exposure Limit Values	Source
Methanol (methanol: Sampling time: End of shift.)	15 mg/l (urine)	ACGIH BEL
2-Propanol (acetone: Sampling time: End of shift at end of work week.)	40 mg/l (Urine)	ACGIH BEL
Ethanol, 2-methoxy- (2-Methoxyacetic acid: Sampling time: End of shift at end of work week.)	1 mg/g (Creatinine in urine)	ACGIH BEL

EXPOSURE GUIDELINES:

Methanol	US. ACGIH Threshold Limit Values, as amended	Can be absorbed through the skin.
Morpholine	US. ACGIH Threshold Limit Values, as amended	Can be absorbed through the skin.
Ethanol, 2-methoxy-	US. ACGIH Threshold Limit Values, as amended	Can be absorbed through the skin.
1,2-Ethanediamine	US. ACGIH Threshold Limit Values, as amended	Can be absorbed through the skin.

PERSONAL PROTECTIVE EQUIPMENT:



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

Skin Protection:

Hand Protection: No data available.

Skin and Body Protection: Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health and safety professional or manufacturer for specific information.

Respiratory Protection: In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.

General Hygiene Considerations: Avoid contact with skin. Observe good industrial hygiene practices. Do not eat, drink or smoke when using the product. Wash hands after handling. Avoid contact with eyes. When using do not smoke.

APPROPRIATE ENGINEERING CONTROLS:

No data available.

9. Physical & Chemical Properties

Physical State:	Liquid.	Flammability(solid/gas):	No data available.
Form:	Spray Aerosol.	Explosive Limit-Lower (%):	Estimated 5.5%(V)
Color:	No data available.	Explosive Limit-Upper (%):	Estimated 33.2%(V)
Odor:	No data available.	Vapor Density (AIR=1):	No data available.
Odor Threshold:	No data available.	Vapor Pressure:	4,481 - 5,860 hPa (20°C)
pH:	No data available.	Relative Density:	No data available.
Freezing Point:	No data available.	Density:	Estimated 0.853 g/cm ³
Boiling Point:	Estimated 100°C	Solubility (water):	No data available.
Kinematic Viscosity:	No data available.	Solubility (other):	No data available.
Dynamic Viscosity:	No data available.	Self-Ignition Temp:	Estimated 458.76°C
Flash Point:	-104.44°C	Decomposition Temp:	No data available.
Evaporation Rate:	No data available.	Partition Coeff(n-octanol/water):	No data available.
Oxidizing Properties:	No data available.	Explosive Properties:	No data available.

10. Stability & Reactivity Information

REACTIVITY:

No data available.

CHEMICAL STABILITY:

Material is stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

No data available.

CONDITIONS TO AVOID:

Avoid heat or contamination.

INCOMPATIBLE MATERIALS:

No data available.

HAZARDOUS DECOMPOSITION PRODUCTS:

No data available.

11. Toxicological Information

PRIMARY ROUTE OF ENTRY:

Eyes: No data available.

Skin: No data available.

Inhalation: No data available.

Ingestion: No data available.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:

Eyes: No data available.

Skin: No data available.

Inhalation: No data available.

Ingestion: No data available.

ACUTE TOXICITY:

Oral Product: ATEmix: 154.24 mg/kg

Dermal Product: ATEmix: 1,528.87 mg/kg

Inhalation Product: ATEmix: 1.56 mg/l Dusts, mists and fumes

REPEATED DOSE TOXICITY:

Product: No data available.

Components:

Methanol	LOAEL (Rat(Male), Inhalation, 1 - 6 Weeks): 13.3 mg/l Inhalation Experimental result, Supporting study
2-Propanol	NOAEL (Rat, Inhalation, >= 104 Weeks): 5,000 ppm(m) Inhalation Experimental result, Key study
1,2-Ethanediol	NOAEL (Rat(Male), Oral, 16 Weeks): 150 mg/kg Oral Experimental result, Weight of Evidence study
Propane	NOAEL (Rat(Female, Male), Inhalation, >= 28 d): 4,000 ppm(m) Inhalation Experimental result, Key study
	LOAEL (Rat(Female, Male), Inhalation, >= 28 d): 12,000 ppm(m) Inhalation Experimental result, Key study

SKIN CORROSION/IRRITATION:

Product: No data available.

Components:

Methanol	in vivo (Rabbit): Not irritant
2-Propanol	in vivo (Rabbit): Not classified
1,2-Ethanediol	in vivo (Rabbit): Not irritant

SERIOUS EYE DAMAGE/EYE IRRITATION:

Product: No data available.

Components:

2-Propanol	Rabbit, 1 d: Category 2: Causes serious eye irritation Irritating.
1,2-Ethanediol	Rabbit, 24 hrs: Not irritating

RESPIRATORY OR SKIN SENSITIZATION:

Product: No data available.

Components:

Methanol	Skin sensitization:, in vivo (Guinea pig): Non sensitising
2-Propanol	Skin sensitization:, in vivo (Guinea pig): Non sensitising
1,2-Ethanediol	Skin sensitization:, in vivo (Guinea pig): Non sensitising

CARCINOGENICITY:

Product: No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogenic components identified.

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

No carcinogenic components identified.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:

No carcinogenic components identified.

GERM CELL MUTAGENICITY:

In vitro Product: No data available.

In vivo Product: No data available.

REPRODUCTIVE TOXICITY:

Product: No data available.

SPECIFIC TARGET ORGAN TOXICITY -single exposure:

Product: No data available.

Components:

Methanol	Causes damage to organs.
2-Propanol	Narcotic effect. – Category 3 with narcotic effects.

SPECIFIC TARGET ORGAN TOXICITY -repeated exposure:

Product: No data available.

ASPIRATION HAZARD

Product: No data available.

OTHER EFFECTS:

No data available.

12. Ecological Information

ECOTOXICITY:**ACUTE HAZARDS TO THE AQUATIC ENVIRONMENT:****FISH****Product:** No data available.**Components:**

Methanol	EC 50 (Lepomis macrochirus, 96 h): 12,700 mg/l Experimental result, Key study
2-Propanol	LC 50 (Pimephales promelas, 96 h): 9,640 mg/l Experimental result, Key study
1,2-Ethanediol	LC 50 (Pimephales promelas, 96 h): 72,860 mg/l Experimental result, Key study
Propane	LC 50 (Various, 96 h): 147.54 mg/l QSAR QSAR, Key study

AQUATIC INVERTEBRATES:**Product:** No data available.**Components:**

Methanol	EC 50 (Daphnia magna, 96 h): 18,260 mg/l Experimental result, Key study
2-Propanol	LC 50 (Daphnia magna, 24 h): > 10,000 mg/l Experimental result, Key study
1,2-Ethanediol	EC 100 (Daphnia magna, 48 h): > 100 mg/l Experimental result, Key study
	ED 0 (Daphnia magna, 48 h): >= 100 mg/l Experimental result, Key study

CHRONIC HAZARDS TO THE AQUATIC ENVIRONMENT:**FISH****Product:** No data available.**Components:**

Methanol	EC 50 (Oryzias latipes): 9,164 mg/l Experimental result, Supporting study
1,2-Ethanediol	NOAEL (Pimephales promelas): 15,380 mg/l Experimental result, Weight of Evidence study

AQUATIC INVERTEBRATES:**Product:** No data available.**Components:**

Methanol	NOAEL (Daphnia magna): 122 mg/l Experimental result, Supporting study
1,2-Ethanediol	NOAEL (Ceriodaphnia dubia): 8,590 mg/l Experimental result, Weight of Evidence study
	NOAEL (Daphnia magna): > 15,000 mg/l Read-across based on grouping of substances (category approach), Weight of Evidence study

TOXICITY TO AQUATIC PLANTS:**Product:** No data available.**PERSISTENCE AND DEGRADABILITY:****Biodegradation Product:** No data available.**Components:**

Methanol	97% Detected in water. Experimental result, Key study
2-Propanol	53% (5 d) Detected in water. Experimental result, Key study
1,2-Ethanediol	90 - 100% (10 d) Detected in water. Experimental result, Key study
Propane	100% (385.5 h) Detected in water. Experimental result, Key study
	50% (3.19 d) Detected in water. QSAR, Weight of Evidence study

BIOACCUMULATIVE POTENTIAL:**Biodegradation Product:** No data available.**Components:**

Methanol	Leuciscus idus, Bioconcentration Factor (BCF): < 10 Aquatic sediment Experimental result, Supporting study
1,2-Ethanediol	Crayfish (Procambarus), Bioconcentration Factor (BCF): 0.61 (Flow through)

BOD/COD RATIO:**Product:** No data available.**PARTITION COEFFICIENT N-OCTANOL / WATER (LOG KOW):****Product:** No data available.**MOBILITY IN SOIL:**

No data available.

Components:

Methanol	No data available.
2-Propanol	No data available.
1,2-Ethanediol	No data available.
Propane	No data available.
Carbon	No data available.

OTHER ADVERSE EFFECTS:

No data available.

13. Disposal Consideration**DISPOSAL INSTRUCTIONS:**

Discharge, treatment, or disposal may be subject to national, state or local laws.

CONTAMINATED PACKAGING:

No data available.

14. Transportation Information

DOT: UN Number: UN1950
UN Proper Shipping Name: Aerosols, flammable
Transport Hazard Class(es):
Class: 2.1
Label(s): -
Packing Group: -
Environmental Hazards: No.
Marine Pollutant: No.
Special Precautions for User: Not regulated.

IATA: UN Number: UN1950
UN Proper Shipping Name: Aerosols, flammable + 6.1
Transport Hazard Class(es):
Class: 2.1
Subsidiary risk: 6.1
Label(s): -
Packing Group: -
Environmental Hazards: No.
Marine Pollutant: No.
Special Precautions for User: Not regulated.

IMDG: UN Number: UN1950
UN Proper Shipping Name: Aerosols, flammable + 6.1
Transport Hazard Class(es):
Class: 2
Subsidiary risk: 6.1
Label(s): -
EmS No.: F-D, S-U
Packing Group: -
Environmental Hazards: No.
Marine Pollutant: No.
Special Precautions for User: Not regulated.



15. Regulatory Information

US FEDERAL REGULATIONS:

Restrictions on use: Not known.

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

US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended

None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

Chemical Identity:

Methanol
Methyl Alcohol
Unlisted Hazardous Wastes Characteristic of Ignitability
RCRA Hazardous Waste NO. D001
Ethylene Glycol
Glycol Ethers
Ethylenediamine

Superfund Amendments and Reauthorization Act of 1986 (SARA):

Hazard Categories:

Flammable aerosol, Acute toxicity, Serious Eye Damage/Eye Irritation, Specific Target Organ Toxicity - Single Exposure

US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances:

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required:

<u>Chemical Name</u>	<u>% by wt.</u>
Methanol	1.0%
2-Propanol	1.0%
1,2-Ethanediol	1.0%

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

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3):

US STATE REGULATIONS:

US. California Proposition 65: For more information go to www.P65Warnings.ca.gov.

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

Chemical Identity:

Methanol
2-Propanol
1,2-Ethanediol
Propane
Carbon Dioxide

US. Massachusetts RTK - Substance List:

Chemical Identity:

1,2-Ethanediamine

US. Pennsylvania RTK – Hazardous Substances:**Chemical Identity:**

Methanol

2-Propanol

1,2-Ethanediol

Propane

Carbon Dioxide

US. Rhode Island RTK:

No ingredient regulated by RI Right-to-Know Law present.

INTERNATIONAL REGULATIONS:**Montreal Protocol:**

Not applicable.

Stockholm Convention:

Not applicable.

Rotterdam Convention:

Not applicable.

Kyoto Protocol:**INVENTORY STATUS:**

Australia AICS:

On or in compliance with the inventory.

Canada DSL Inventory List:

On or in compliance with the inventory.

EINECS, ELINCS or NLP:

Not in compliance with the inventory.

Japan (ENCS) List:

On or in compliance with the inventory.

China Inv. Existing Chemical Substances:

On or in compliance with the inventory.

Korea Existing Chemicals Inv. (KECI):

On or in compliance with the inventory.

Canada NDSL Inventory:

Not in compliance with the inventory.

Philippines PICCS:

On or in compliance with the inventory.

US TSCA Inventory:

On or in compliance with the inventory.

New Zealand Inventory of Chemicals:

On or in compliance with the inventory.

Japan ISHL Listing:

Not in compliance with the inventory.

Japan Pharmacopoeia Listing:

Not in compliance with the inventory.

Mexico INSQ:

On or in compliance with the inventory.

Ontario Inventory:

On or in compliance with the inventory.

Taiwan Chemical Substance Inventory:

On or in compliance with the inventory.

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.

ICE ERASER DE-ICER



DANGER: Extremely flammable aerosol. Toxic if swallowed. Harmful in contact with skin or if inhaled. Causes serious eye irritation. Causes damage to organs. 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. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapors/spray. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.

FIRST AID: 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. If eye irritation persists: Get medical advice/attention. **IF ON SKIN:** Wash with plenty of water. Wash contaminated clothing before reuse. **IF SWALLOWED:** Immediately call a POISON CENTER/doctor. Rinse mouth. **IF EXPOSED OR CONCERNED:** Call a POISON CENTER/doctor.

CONTAINS (CAS No.): Methanol (67-56-1), 2-Propanol (67-63-0), 1,2-Ethanediol (107-21-1), Propane (74-98-6) and Carbon dioxide (124-38-9).

PELIGRO: Aerosol extremadamente inflamable. Tóxico por ingestión. Nocivo en contacto con la piel o si se inhala. Provoca irritación ocular grave. Causa daño a los órganos. Mantener alejado del calor, superficies calientes, chispas, llamas abiertas y otras fuentes de ignición. No fumar. No rocíe sobre una llama abierta u otra fuente de ignición. No perforar ni quemar, incluso después de su uso. Lavarse concienzudamente tras la manipulación. Prohibido comer, beber y fumar durante la utilización del producto. Llevar guantes/prendas/gafas/máscara de protección. Utilizar únicamente en exteriores o en un área bien ventilada. No respirar polvos/humos/gases/nieblas/vapores/aerosoles. Proteger de la luz solar. No exponer a temperaturas superiores a 50°C/122°F. Guardar bajo llave. Eliminación de contenidos / contenedor en consonancia con los reglamentos locales / regionales / nacionales / internacionales pertinentes.

PRIMEROS AUXILIOS: EN CASO DE INHALACIÓN: Lleve a la persona al aire libre y manténgala en una posición confortable para respirar. **EN CASO DE CONTACTO CON LOS OJOS:** Lavar cuidadosamente con agua durante varios minutos. Quítese los lentes de contacto, si lleva puestos y le resulta fácil de hacer. Proseguir con el lavado. Si persiste la irritación de los ojos: Consultar a un médico. **EN CASO DE CONTACTO CON LA PIEL:** Lavar con abundante agua. Lavar las prendas contaminadas antes de volver a usarlas. **EN CASO DE INGESTIÓN:** Llámese inmediatamente a un centro toxicológico o a un médico. Enjuagar la boca. **EN CASO DE EXPOSICIÓN O PREOCUPACIÓN:** Llamar a un CENTRO DE TOXICOLOGÍA o a un médico.

CONTIENE (Nº CAS): Metanol (67-56-1), 2-Propanol (67-63-0), 1,2-Etanodiol (107-21-1), Propano (74-98-6) y Dióxido de carbono (124-38-9)


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DANGER/PELIGRO  **POISON/VENENO:**
VAPOR HARMFUL/VAPOR DAÑINO.
**MAY BE FATAL OR CAUSE BLINDNESS IF SWALLOWED/
PUEDE SER MORTAL O PROVOCAR CEGUERA SI ES TRAGADO.**
**CANNOT BE MADE NON-POISONOUS/
NO PUEDE TRATARSE PARA QUE NO SEA TÓXICO.**
FLAMMABLE/INFLAMABLE.
EYE IRRITANT/IRRITANTE OCULAR.
CONTENTS UNDER PRESSURE/CONTENIDO BAJO PRESIÓN.
NET WT. / PESO NETO: 16 OZ. (1 LB.) 454 g

For Windshields, Locks, Mirrors,
Handrails & Critical Areas

- Non-smearing, high volume spray works fast
- Will not harm enamel paints, chrome, rubber or concrete
- Helps prevent ice from forming when used in advance
- Increases visibility & makes driving safer

DIRECTIONS: TO PREVENT FROZEN WINDSHIELDS, WIPERS AND LOCKS: Apply ICE ERASER immediately before freezing weather is expected. Use once every week in locks during cold weather.

TO MELT ICE ON WINDSHIELDS, CAR WINDOWS AND HEADLIGHTS: Start up car and turn on defroster. Hold can upright, direct spray toward ice and press button. For quicker action on windshields, turn on wipers.

TO OPEN FROZEN LOCKS: Hold can upright, close to lock, direct the spray into lock. Will not harm vehicle's finish.

CAUTIONS: Intentional misuse by concentrating and inhaling the product can be harmful or fatal. Use with adequate ventilation. KEEP OUT OF REACH OF CHILDREN.

Para Parabrisas, Cerraduras, Espejos,
Pasamanos, y Áreas Críticas

- Este rociador no se corre, es de alto volumen y funciona rápido
- No daña las pinturas de esmalte, el cromo, el caucho, o el concreto
- Ayuda a prevenir la formación de hielo cuando se utiliza con antelación
- Aumenta la visibilidad y hace conducir más seguro

INSTRUCCIONES: PARA EVITAR CONGELADO DE PARABRISAS LIMPIAPARABRISAS Y CERRADURAS: Aplicar DE-ICER inmediatamente cuando se espere clima helado. Utilizar una vez por semana en las cerraduras durante el tiempo frío.

PARA DERRETIR EL HIELO EN LOS PARABRISAS, VENTANAS DE AUTOS Y FAROS: Encender el vehículo y el desempañador. Sostenga el envase en posición vertical y apriete el botón, rocíe directamente sobre el hielo. Para una acción más rápida en los parabrisas, prenda los limpiaparabrisas.

ABRIR CERRADURAS CONGELADAS: Mantenga el envase en posición vertical cerca de la cerradura, dirigiendo el rociado hacia la cerradura. No daña el acabado del vehículo.

PRECAUCIÓN: El uso indebido intencional por concentración e inhalación del contenido puede ser dañino o fatal. Utilizar con una ventilación adecuada. MANTENER FUERA DEL ALCANCE DE LOS NIÑOS.

Not for sale or distribution in California
No para la venta o distribución en California

See Safety Data Sheet for complete safety information.
Mire la Hoja de Datos de Seguridad para la información completa de seguridad.

Emergency Telephone:
INFOTRAC 1-800-535-5053

Made in the USA with globally sourced materials.
Hecho en los Estados Unidos con materiales globalmente fuentes.



PLEASE RECYCLE
WHEN EMPTY

Product Code: 1261

