

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier: WINDSHIELD DEICER
Recommended Use: PRESSURIZED ALCOHOL – BASED DEICER.
Restrictions on Use: INDUSTRIAL USE ONLY
Supplier: SHARE CANADA
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7
Telephone Number: (204) 633-8553 Fax: (204) 633-8453
Emergency telephone number: CANUTEC: (613) 996-6666

SECTION 2 - HAZARDS IDENTIFICATION

WHMIS 2015 hazard classification: FLAMMABLE AEROSOL, ACUTE TOXIC (ORAL, DERMAL, INHALATION) SPECIFIC TARGET ORGAN TOXIC – SINGLE EXPOSURE.

Hazard Pictograms:



Signal word: DANGER
Hazard statement(s): EXTREMELY FLAMMABLE AEROSOL. CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED. TOXIC IF SWALLOWED , IN CONTACT WITH THE SKIN OR IF INHALED. CAUSES DAMAGE TO ORGANS (CENTRAL NERVOUS SYSTEM, CARDIOVASCULAR SYSTEM, EYES, RESPIRATORY SYSTEM, SKIN, DIGESTIVE TRACT)
Precautionary statements: KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME, HOT SURFACES. DO NOT SMOKE . DO NOT SPRAY ON AN OPEN FLAME OR OTHER IGNITION SOURCES
PRESSURIZED CONTAINER. DO NOT PIERCE OR BURN, EVEN AFTER USE
AVOID BREATHING FUME, VAPOURS OR SPRAY
WASH THOROUGHLY AFTER HANDLING.
DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT
USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA
WEAR PROTECTIVE GLOVES, PROTECTIVE CLOTHING, EYE PROTECTION

IF SWALLOWED IMMEDIATELY CALL A DOCTOR, A POISON CENTRE. DO NOT INDUCE VOMITING
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 EASY TO DO SO. CONTINUE RINSING
IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE / ATTENTION
CALL A DOCTOR, A POISON CONTROL CENTRE IF YOU FEEL UNWELL
SPECIFIC TREATMENT (SEE FIRST AID MEASURES ON THIS LABEL
DO NOT INDUCE VOMITING

Product Identifier: WINDSHIELD DEICER

**IF SKIN IRRITATION OCCURS, GET MEDICAL ADVICE / ATTENTION
IF EYE IRRITATION PERSISTS, GET MEDICAL ADVICE / ATTENTION
TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE RE-USE
STORE IN A WELL-VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED
PROTECT FROM SUNLIGHT. DO NOT EXPOSE TO TEMPERATURES EXCEEDING
50 C
DISPOSE OF CONTENTS / CONTAINERS TO COMPLY WITH LOCAL / REGIONAL /
NATIONAL / INTERNATIONAL REGULATIONS**

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS REGISTRY NUMBER	CONCENTRATION
METHANOL	67-56-1	90-100%
CARBON DIOXIDE, LIQUIFIED UNDER PRESSURE	124-38-9	1 – 10 %
1, 2 – PROPANOL	57-55-6	1 – 10 %

SECTION 4 – FIRST AID MEASURES

**First-aid measures general: IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE.
(SHOW LABEL WHERE POSSIBLE)**

**First-aid measures after inhalation: REMOVE PERSON TO FRESH AIR AND KEEP
COMFORTABLE FOR BREATHING. CALL A POISON CENTRE OR DOCTOR /
PHYSICIAN IF YOU FEEL UNWELL. ARTIFICIAL RESPIRATION AND / OR OXYGEN
IF NECESSARY.**

**First-aid measures after skin contact: WASH WITH PLENTY OF SOAP AND WATER
IF SKIN RASH OCCURS, GET MEDICAL ADVICE / ATTENTION. . TAKE OFF
CONTAMINATED CLOTHING AND WASH IT BEFORE RE-USE.**

**First-aid measures after eye contact: RINSE IMMEDIATELY WITH PLENTY OF
WATER. REMOVE CONTACT LENSES IF PRESENT AND EASY TO DO SO.
CONTINUE RINSING. IF EYE IRRITATION PERSISTS, GET MEDICAL ADVICE /
ATTENTION.**

**First-aid measures after ingestion: DO NOT INDUCE VOMITING. IMMEDIATELY
CALL A POISON CONTROL CENTRE OR DOCTOR / PHYSICIAN. NEVER GIVE
ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.**

**Most important symptoms and effects, both acute and delayed: EXTREMELY
FLAMMABLE. CONTENTS UNDER PRESSURE. DEPRESSION OF THE CENTRAL
NERVOUS SYSTEM. MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.
CAUSES DAMAGE TO ORGANS (CENTRAL NERVOUS SYSTEM,
CARDIOVASCULAR SYSTEM, EYES, SKIN) TOXIC IF SWALLOWED, IN CONTACT
WITH THE SKIN OR IF INHALED.**

**Symptoms / injuries after inhalation: DEPRESSION OF THE CENTRAL NERVOUS
SYSTEM. REPEATED EXPOSURE BY INHALATION OR SKIN ABSORPTION, MAY
CAUSE SYSTEMIC POISONING., BRAIN DISORDERS, AND BLINDNESS. TOXIC IF**

Product Identifier: WINDSHIELD DEICER

INHALED. MAY CAUSE DROWSINESS OR DIZZINESS, HEADACHE.

Symptoms / injuries after skin contact: TOXIC IN CONTACT WITH THE SKIN. MAY CAUSE IRRITATION OF THE SKIN.

Symptoms / injuries after eye contact: MAY CAUSES SEVERE EYE IRRITATION.

Symptoms / injuries after ingestion: MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. MAY BE HARMFUL OR FATAL IF SWALLOWED. SWALLOWING SMALL AMOUNTS OF THIS MATERIAL WILL RESULT IN SERIOUS HEALTH HAZARD. THIS MATERIAL CONTAINS METHANOL WHICH, WHEN INGESTED HAS CARDS ACIDOSIS, OCULAR TOXICITY RANGING FROM DIMINISHED VISUAL CAPACITY TO COMPLETE BLINDNESS AND DEATH.

Indication of any immediate medical attention and special treatment needed: TREAT SYMPTOMATICALLY.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media: FOAM, DRY CHEMICAL POWDER, CARBON DIOXIDE.

Special hazards arising from the substance or mixture:

Fire hazard: FLAMMABLE AEROSOL. UNDER FIRE CONDITIONS CLOSED CONTAINERS MAY RUPTURE OR EXPLODE.

Explosion hazard: VAPOURS MAY TRAVEL LONG DISTANCES ALONG GROUND BEFORE IGNITING / FLASHING BACK TO A VAPOUR SOURCE. CONTAINS GAS UNDER PRESSURE. MAY EXPLODE IF HEATED. BURSTING AEROSOL CONTAINERS MAY BE PROPELLED FROM FIRE AT HIGH SPEED.

Reactivity: ON COMBUSTION, CARBON MONOXIDE AND CARBON DIOXIDE ARE FORMED.

Advice for firefighters:

Firefighting instructions: EXERCISE CAUTION WHEN FIGHTING ANY CHEMICAL FIRE. USE WATER SPRAY OR FOG FOR COOLING EXPOSED CONTAINERS.

Protection during firefighting: DO NOT ATTEMPT TO TAKE ACTION WITHOUT SUITABLE PROTECTIVE EQUIPMENT.

Special protective equipment for firefighters: STANDARD PROTECTIVE CLOTHING AND EQUIPMENT. (SELF CONTAINED BREATHING APPARATUS) FOR FIRE FIGHTERS.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures;

General measures: EVACUATE UNNECESSARY PERSONNEL. ISOLATE FROM FIRE, IF POSSIBLE, WITHOUT UNNECESSARY RISK. GAS IS DENSER THAN AIR. MAY ACCUMULATE IN LOW AREAS, E.G. CLOSE TO THE GROUND. NO FLAMES OR SPARKS AND NO SMOKING. ELIMINATE ALL SOURCES OF IGNITION.

For non-emergency personnel:

Protective equipment: DO NOT ENTER WITHOUT APPROPRIATE PROTECTIVE EQUIPMENT.

For emergency responders:

Protective equipment: EQUIP CLEAN UP CREW WITH PROPER PROTECTION.

Emergency procedures: STOP LEAK IF SAFE TO DO SO. STOP RELEASE.

Product Identifier: WINDSHIELD DEICER

VENTILATE AREA.

Environmental precautions: PREVENT ENTRY TO SEWERS AND PUBLIC WATERS. DO NOT ALLOW TO ENTER DRAINS OR WATER COURSES.

Methods and material for containment and cleaning up: STOP LEAK IF SAFE TO DO SO. ISOLATE AREA UNTIL GAS HAS DISPERSED. ELIMINATE EVERY POSSIBLE SOURCE OF IGNITION. USE WATER SPRAY TO DISPERSE VAPOURS. CONTAIN SPILLAGE.

Methods for cleaning up: TAKE UP LIQUID SPILL INTO INERT ABSORBENT MATERIAL.

Reference to other sections: NO ADDITIONAL INFORMATION AVAILABLE.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: PRESSURIZED CONTAINER. DO NOT PIERCE OR BURN EVEN AFTER USE. KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. NO SMOKING.

Hygiene measures: AVOID CONTACT WITH THE SKIN, EYES AND CLOTHING.

Conditions for safe storage, including any incompatibilities:

Technical measures: DO NOT PUNCTURE, INCINERATE OR CRUSH.

Storage conditions: KEEP CONTAINER TIGHTLY CLOSED. STORE IN A DRY, WELL-VENTILATED PLACE. KEEP OUT OF THE REACH OF CHILDREN

Incompatible products: STRONG ACIDS, ALKALIS, OXIDIZING AGENTS.

Heat and ignition sources: KEEP AWAY FROM IGNITION SOURCES, HEAT SOURCES, OPEN FLAME..

Storage area: STORE IN A COOL AREA. STORE AWAY FROM HEAT. AEROSOL 1/

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters: METHANOL ACGIH: ACGIH TWA (ppm) 200 ppm
ACGIH STEL (ppm) 250 ppm

ACGIH Remark: HEADACHE, EYE DAMAGE, DIZZINESS, NAUSEA.

OSHA PEL TWA (mg/m³) 260 mg/m³ OSHA PEL (ppm) 200 ppm

Exposure controls: EMERGENCY EYEWASH FOUNTAINS AND SAFETY SHOWERS SHOULD BE AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE. ENSURE GOOD VENTILATION OF THE WORK STATION.

Personal protective equipment

USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT WHEN RISK ASSESSMENT INDICATES THIS IS NECESSARY. GLOVES. PROTECTIVE GOGGLES. PROTECTIVE APRON



SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Product Identifier: WINDSHIELD DEICER

Physical state:	AEROSOL
Colour and appearance:	CLEAR LIQUID
Odour:	SOLVENT – LIKE.
Odour threshold:	NO DATA AVAILABLE
pH:	NO DATA AVAILABLE
Melting point:	NO DATA AVAILABLE
Freezing point:	NO DATA AVAILABLE
Boiling point:	NO DATA AVAILABLE
Flash point:	11 ° C (LIQUID PORTION)
Relative evaporation rate (butyl acetate = 1	NO DATA AVAILABLE
Flammability (solid, gas):	NO DATA AVAILABLE
Explosive properties:	NO DATA AVAILABLE
Oxidizing properties:	NO DATA AVAILABLE
Vapour pressure:	NO DATA AVAILABLE
Relative density:	NO DATA AVAILABLE
Relative vapour density at 20 °C:	NO DATA AVAILABLE
Specific gravity /density:	0.8 g / L
Solubility:	SOLUBLE IN WATER
Log Pow:	NO DATA AVAILABLE
Log Kow:	NO DATA AVAILABLE
Auto-ignition temperature:	NO DATA AVAILABLE
Decomposition temperature:	NO DATA AVAILABLE
Viscosity:	NO DATA AVAILABLE
Viscosity, kinematic:	NO DATA AVAILABLE
Viscosity, dynamic:	NO DATA AVAILABLE
VOC content.	> 95 %

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: ON COMBUSTION CARBON MONOXIDE AND CARBON DIOXIDE ARE FORMED

Chemical stability: STABLE AT NORMAL CONDITIONS

Possibility of hazardous reactions: HAZARDOUS POLYMERIZATION DOES NOT

1, 2 – PROPANOL 57-55-6	LD 50 ORAL RAT 20000 mg/kg (Experimental value)
	LD 50 DERMAL RAT 225000 mg/kg (Experimental value)
	LD 50 DERMAL RABBIT 208000 mg/kg (Experimental value)
	ATE CLP ORAL 20000.000 mg/kg body weight
	ATE CLP DERMAL 20800.000 mg/kg body weight

OCCUR

Conditions to avoid: HEAT, OPEN FLAME, SPARKS, WELDING, DIRECT SUNLIGHT. ELIMINATE SOURCES OF IGNITION.

Incompatible materials: STRONG ACIDS, ALKALIS, OXIDIZNG AGENTS

Hazardous decomposition products: UNDER NORMAL CONDITIONS OF

Product Identifier: WINDSHIELD DEICER

STORAGE AND USE, HAZARDOUS DECOMPOSITION PRODUCTS SHOULD NOT BE PRODUCED.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity: ORAL: TOXIC IF SWALLOWED. DERMAL: TOXIC IN CONTACT WITH SKIN. INHALATION GAS: TOXIC IF INHALED.

METHANOL (67-56-1)	LD 50 DERMAL RABBIT 12800 mg/kg
	ATE CLP ORAL 100.000 mg/kg body weight
	ATE CLP DERMAL 300.000 mg/kg body weight
	ATE CLP VAPOURS 128.200 mg/L 4 h
	ATE CLP DUST /MIST .500 mg/L 4 h

Skin corrosion/irritation: NOT CLASSIFIED
Serious eye damage/irritation: NOT CLASSIFIED.
Respiratory or skin sensitization: NOT CLASSIFIED
Germ cell mutagenicity: NOT CLASSIFIED
Carcinogenicity: NOT CLASSIFIED
Reproductive toxicity: NOT CLASSIFIED
Specific target organ toxicity (single exposure): CAUSES DAMAGE TO ORGANS (CENTRAL NERVOUS SYSTEM, CARDIOVASCULAR SYSTEM, EYES, RESPIRATORY SYSTEM, SKIN, DIGESTIVE TRACT)

Specific target organ toxicity (repeated exposure): NOT CLASSIFIED

Aspiration hazard: MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAY

Symptoms / injuries after inhalation: CENTRAL NERVOUS SYSTEM DEPRESSION. REPEATED EXPOSURE BY INHALATION OR SKIN ABSORPTION. MAY CAUSE SYSTEMIC POISONING., BRAIN DISORDERS, AND BLINDNESS. TOXIC IF INHALED. MAY CAUSE DROWSINESS OR DIZZINESS, HEADACHE.

Symptoms / injuries after skin contact: TOXIC TO THE SKIN. MAY CAUSE SKIN IRRITATION

Symptoms / injuries after eye contact: MAY CAUSE SEVERE IRRITATION

Symptoms /injuries after ingestion: MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. MAY BE HARMFUL OR FATAL IF SWALLOWED. SWALLOWING SMALL AMOUNTS OF THIS MATERIAL WILL RESULT IN SERIOUS HEALTH HAZARD. THIS MATERIAL CONTAINS METHANOL WHICH, WHEN INGESTED HAS CARDS ACIDOSIS, OCULAR TOXICITY RANGING FROM DIMINISHED VISUAL CAPACITY TO COMPLETE BLINDNESS AND DEATH.

Likely routes of exposure: INHALATION, EYES, DERMAL, INGESTION.

SECTION 12 - ECOLOGICAL INFORMATION

Ecology (General): NO ADDITIONAL INFORMATION AVAILABLE
Persistence and degradability: NO ADDITIONAL INFORMATION AVAILABLE
Bioaccumulation potential: NO ADDITIONAL INFORMATION AVAILABLE

Product Identifier: WINDSHIELD DEICER

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal recommendations: THIS MATERIAL AS SUPPLIED IS A HAZARDOUS WASTE. DISPOSE OF CONTAINER / CONTENTS TO COMPLY WITH LOCAL / REGIONAL / NATIONAL REGULATIONS.

SECTION 14 – TRANSPORT INFORMATION

T.D.G. Shipping Name: AEROSOLS, FLAMMABLE Class: 2.1
UN Number: UN 1950
Packing Group: Not applicable.
Limited quantity exemption: CONTAINER UNDER 1 LITRE.

SECTION 15 - REGULATORY INFORMATION

THE CLASSIFICATION, LABEL AND SDS COMPLIES WITH THE REQUIREMENTS OF WHMIS 2015

SECTION 16 - OTHER INFORMATION

Information Sources: SUPPLIER'S SDS
Prepared by: SHARE CANADA
Telephone: 1-204-633-8553
Latest revision date: JULY 6, 2017