

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier: KURRENT EVENT
Recommended Use: AEROSOL SOLVENT
Restrictions on Use: INDUSTRIAL OR PROFESSIONAL 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, GAS UNDER PRESSURE, SKIN, EYE AND RESPIRATORY IRRITANT, REPRODUCTIVE HAZARD. ASPIRATION TOXIC.

Hazard pictograms:



Signal word: DANGER

Hazard statement(s): CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED. CAUSES SKIN IRRITATION AND SERIOUS EYE IRRITATION. MAY DAMAGE FERTILITY OR THE UNBORN CHILD. MAY CAUSE RESPIRATORY IRRITATION, DROWSINESS OR DIZZINESS. MY CAUSE DAMAGE CENTRAL NERVOUS SYSTEM, REPRODUCTIVE SYSTEM, KIDNEY AND LIVER, THROUGH PROLONGED OR REPEATED EXPOSURE.

Precautionary statements: OBTAIN SPECIAL INSTRUCTIONS BEFORE USE. DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME AND HOT SURFACES. NO SMOKING. DO NOT SPRAY ON AN OPEN FLAME OR OTHER IGNITION SOURCE. DO NOT BREATHE FUMES, MIST, VAPOURS OR SPRAY. PRESSURIZED CONTAINER. DO NOT PIERCE OR BURN, EVEN AFTER USE. PROTECT FROM SUNLIGHT. DO NOT EXPOSE TO TEMPERATURES EXCEEDING 50 C. STORE IN A WELL-VENTILATED PLACE. STORE LOCKED UP. WASH THOROUGHLY AFTER HANDLING WEAR PROTECTIVE GLOVES AND EYE PROTECTION. DISPOSE OF CONTENTS / CONTAINERS TO COMPLY WITH LOCAL / REGIONAL / NATIONAL / INTERNATIONAL REGULATIONS.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS REGISTRY NUMBER	CONCENTRATION %
1-BROMOPROPANE, n-PROPYL BROMIDE	106-94-5	60 – 100%
1,1,1,2- TETRAFLUOROETHANE	811-97-2	10 – 30 %
2-PROPANOL	67-63-0	1 – 5 %
1, 2-EPOXYBUTANE	106-88-7	< 0.6 %

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 PHYSICIAN/ POISON CONTROL CENTRE IF YOU FEEL UNWELL.

First-aid measures after skin contact: WASH WITH PLENTY OF WATER. IF SKIN IRRITATION

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OCCURS, GET MEDICAL ATTENTION. TAKE OFF CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE.

First-aid measures after eye contact: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES IF EASY TO DO SO. CONTINUE RINSING. IF EYE IRRITATION PERSISTS, GET MEDICAL ADVICE / ATTENTION.

First-aid measures after ingestion: RINSE MOUTH WITH WATER. DO NOT INDUCE VOMITING. GET MEDICAL ADVICE / ATTENTION.

Most important symptoms and effects, both acute and delayed: CAUSES SERIOUS EYE IRRITATION. CAUSES SKIN IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS. MAY DAMAGE FERTILITY OR THE UNBORN CHILD. MAY CAUSE RESPIRATORY IRRITATION . MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

Symptoms / injuries after inhalation: MAY CAUSE DROWSINESS OR DIZZINESS. MAY CAUSE RESPIRATORY IRRITATION

Symptoms / injuries after skin contact: CAUSES SKIN IRRITATION.

Symptoms / injuries after eye contact: CAUSES SERIOUS EYE IRRITATION.

Symptoms / injuries after ingestion: GASTROINTESTINAL COMPLAINTS.

Indication of any immediate medical attention and special treatment needed: TREAT SYMPTOMATICALLY. DO NOT USE ADRENALINE OR CARDIAC STIMULANTS.

SECTION 5 – FIRE FIGHTING MEASURES

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

Special hazards arising from the substance or mixture:

Explosion hazard: CONTAINS GAS UNDER PRESSURE. MAY EXPLODE IF HEATED.

Reactivity: REACTS WITH SOME METALS AND THEIR COMPOUNDS. REACTS WITH SOME ACIDS.

Advice for firefighters:

Firefighting instructions: EXERCISE CAUTION WHEN FIGHTING ANY CHEMICAL FIRE.

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: NO OPEN FLAMES. NO SMOKING. REMOVE IGNITION SOURCES.

For non-emergency personnel:

Protective equipment: DO NOT ENTER WITHOUT APPROPRIATE PROTECTIVE EQUIPMENT.

Emergency procedures: AVOID CONTACT WITH THE EYES. NO OPEN FLAMES. NO SPARKS AND NO SMOKING.

For emergency responders:

Protective equipment: EQUIP CLEAN UP CREW WITH PROPER PROTECTION.

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

Environmental precautions: NO ADDITIONAL INFORMATION

Methods and material for containment and cleaning up:

Methods for cleaning up: TAKE UP LIQUID SPILL INTO NON COMBUSTIBLE MATERIAL -SAND, EARTH VERMICULITE.

Reference to other sections: FOR INFORMATION SEE SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: CARRY OPERATIONS IN THE OPEN / UNDER LOCAL EXHAUST VENTILATION OR WITH RESPIRATORY PROTECTION. KEEP OUT OF THE REACH OF CHILDREN, .

Conditions for safe storage, including any incompatibilities:

Technical measures: DO NOT PUNCTURE, INCINERATE OR CRUSH.

Storage conditions: KEEP AWAY FROM IGNITION SOURCES. KEEP COOL. PROTECT FROM SUNLIGHT. PROTECT FROM SUNLIGHT. PROTECT FROM FREEZING. DO NOT EXPOSE TO TEMPERATURES EXCEEDING 50 C. STORE IN A WELL-VENTILATED PLACE.

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Incompatible products: STRONG ACIDS, STRONG OXIDIZERS, ALUMINUM, MAGNESIUM, ZINC, SOME PLASTICS.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:

2- PROPANOL (67-63-0)	
ACGIH TWA (ppm)	200 ppm
ACGIH STEL (ppm)	400 ppm
ACGIH REMARK: EYE & URT irritation, CNS impairment	
OSHA PEL (TWA) (mg/m ³)	980 mg/m ³
OSHA PEL (TWA) (ppm)	400 ppm

1-BROMOPROPANE, n-PROPYL BROMIDE (108-94-5)	
ACGIH TWA (ppm)	0.1 ppm
ACGIH REMARK: LIVER & EMBRYO / FETAL DAMAGE A3	

,1,1,2- TETRAFLUOROETHANE	811-97-2
Not applicable	
1, 2-EPOXYBUTANE	106-88-7
Not applicable	

Exposure controls:

ENSURE GOOD VENTILATION OF THE WORK STATION. .

Personal protective equipment: GLOVES, PROTECTIVE GOGGLES. USE PERSONAL PROTECTIVE EQUIPMENT WHERE RISK ASSESSMENT INDICATES THIS IS NECESSARY.



SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	AEROSOL
Colour and appearance:	COLOURLESS TO PALE YELLOW LIQUID
Odour:	SOLVENT – LIKE ODOUR
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:	NO DATA AVAILABLE
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:	110.8 mm Hg @ 25 ° C
Relative density:	NO DATA AVAILABLE

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Relative vapour density at 20 °C:	NO DATA AVAILABLE
Specific gravity /density:	1.3 g / L
Solubility:	INSOLUBLE 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.	75 %

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: REACTS WITH SOME METALS AND THEIR COMPOUNDS. REACTS WITH SOME ACIDS.
Chemical stability: STABLE UNDER NORMAL CONDITIONS.
Possibility of hazardous reactions: NO DANGEROUS REACTIONS KNOWN UNDER NORMAL CONDITIONS OF USE.
Incompatible materials: SOME PLASTICS, STRONG ACIDS, STRONG OXIDIZING AGENTS, ALUMINUM, MAGNESIUM, ZINC.
Hazardous decomposition products: CARBON OXIDES, HALOGENATED COMPOUNDS, BROMIDES.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity: NOT CLASSIFIED

2-PROPANOL (67-63-0)	LD50 DERMAL RABBIT 12870 mg/kg (RABBIT; EXPERIMENTAL VALUE, EQUIVALENT OR SIMILAR TO OECD 402, 16.4 (RABBIT)
	LC50 INHALATION RAT 73 mg / L 4 h (RAT)
	ATE CLP ORAL 5075.000 mg/kg body weight
	ATE CLP DERMAL 12870.000 mg/kg body weight
	ATE CLP VAPOURS 73.000 mg/L 4 h
	ATE CLP DUST /MIST 73.000 mg/L 4 h

1, 2-EPOXYBUTANE. 106-88-7	
	500 mg / kg bodyweight
	ATE CLP DERMAL 1100 mg/kg body weight
	ATE CLP GASES 4500 ppm V /4h
	ATE CLP VAPOURS 11 mg/L 4 h
	ATE CLP DUST /MIST 1.5 mg/L 4 h

Skin corrosion/irritation:	CAUSES SKIN IRRITATION.
Serious eye damage/irritation:	CAUSES SERIOUS EYE IRRITATION.
Respiratory or skin sensitization:	NOT CLASSIFIED
Germ cell mutagenicity:	NOT CLASSIFIED
Carcinogenicity:	NOT CLASSIFIED
Reproductive toxicity:	MAY DAMAGE FERTILITY OR THE UNBORN CHILD
Specific target organ toxicity (single exposure):	MAY CAUSE DROWSINESS OR DIZZINESS. MAY CAUSE RESPIRATORY IRRITATION

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Specific target organ toxicity (repeated exposure): CAUSES DAMAGE TO ORGANS (CENTRAL NERVOUS SYSTEM, KIDNEYS, LIVER, REPRODUCTIVE SYSTEM) THROUGH PROLONGED OR REPEATED EXPOSURE.

Aspiration hazard: NOT CLASSIFIED

Symptoms / injuries after inhalation: MAY CAUSE DROWSINESS OR DIZZINESS. MAY CAUSE RESPIRATORY IRRITATION

Symptoms / injuries after skin contact: CAUSES SKIN IRRITATION

Symptoms / injuries after eye contact: CAUSES SERIOUS EYE IRRITATION

Symptoms /injuries after ingestion: GASTROINTESTINAL COMPLAINTS.

Likely routes of exposure: SKIN AND EYE CONTACT, INHALATION, INGESTION.

SECTION 12 - ECOLOGICAL INFORMATION

Ecology (General): NO ADDITIONAL INFORMATION AVAILABLE

Persistence and degradability: NO ADDITIONAL INFORMATION AVAILABLE

Bioaccumulation potential: NO ADDITIONAL INFORMATION AVAILABLE

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal recommendations: DISPOSE OF CONTENTS / CONTAINERS TO COMPLY WITH LOCAL / REGIONAL / NATIONAL / INTERNATIONAL REGULATIONS. DO NOT PUNCTURE, INCINERATE OR CRUSH.

SECTION 14 – TRANSPORT INFORMATION

T.D.G. Shipping Name: AEROSOLS, NON-FLAMMABLE

Class: 2.2

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

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