

CHEM INTERNATIONAL

MATERIAL SAFETY DATA SHEET

EMERGENCY #: CANUTEC (613) 996-6666

PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: C.I. WindowShine, Liquid

EFFECTIVE DATE: January 16, 2009

WHMIS CLASS: B2, D2B

T.D.G. CLASSIFICATION:

MATERIAL USE: Window Cleaner

HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	Wt%	LC50	LD50
Isopropanol Alcohol	67-63-0	5-10%	N/A	5045 mg/kg (Oral, Rat)
Sodium Myritheth Sulfate	1191-50-0	1-5%	N/A	>4950 mg/kg (Oral, Rat)

PHYSICAL DATA

BOILING POINT(°C): 90

VAPOUR PRESSURE (mm Hg): N/A

VAPOUR DENSITY (Air=1): >1

SOLUBILITY IN WATER: 100%

PHYSICAL STATE: Liquid

pH (as supplied): 9.90

APPEARANCE AND ODOUR: Blue, odorless.

COEF. OF WATER/OIL DIST.:

SPECIFIC GRAVITY (H₂O=1): 0.978

PERCENT VOLATILE (by vol.):

EVAPORATION RATE (H₂O=1): <1

ODOUR THRESHOLD:

FREEZING POINT(°C): -2

FIRE AND EXPLOSION DATA

FLASH POINT (Deg C method): 46, setaflash closed cup.

UEL: N/A

LEL: N/A

HAZARDOUS COMBUSTION PRODUCTS: Toxic gases and vapors, such as oxides of carbon.

MEANS OF EXTINCTION: Water fog, foam, CO₂, dry chemical.

SPECIAL FIREFIGHTING PROCEDURES: Use self contained breathing apparatus, with full faceplate operated in pressure demand, or other positive pressure mode. Wear full protective clothing.

REACTIVITY DATA

CONDITIONS FOR CHEMICAL INSTABILITY: Stable.

INCOMPATIBILITY: Oxidizing material possibly reactive under extremely elevated temperatures.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxidization products in air include oxides of carbon.

FIRST AID

EYE: Wash thoroughly with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

SKIN: Wash thoroughly with water for at least 15 minutes.

INHALATION: Get fresh air. Get medical help immediately. Administer oxygen if the victims breathing becomes difficult.

INGESTION: Do not induce vomiting. Drink 3 glasses of milk, water or 4% sodium bicarbonate. Get immediate medical attention.

TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: Eyes, inhalation, ingestion

EFFECTS OF OVER EXPOSURE:

EYE: May cause irritation to eyes, tearing, redness, visual impairment.

SKIN: Excessive skin contact should be avoided.

INHALATION: Symptoms of intoxication by inhalation. May cause dizziness.

INGESTION: May cause vomiting and nausea.

EFFECTS OF CHRONIC EXPOSURE:

CARCINOGENICITY: Not hazardous by WHIMIS criteria.

REPRODUCTIVE TOXIN: N/D

TERATOGENICITY: N/D

MUTAGENICITY: N/D

SYNERGISTIC MATERIALS: N/D

PREVENTATIVE MEASURES

GLOVES: Should be worn.

EYE PROTECTION: Safety glasses with sideshield.

RESPIRATORY PROTECTION: Use respirator in confined spaces.

OTHER PROTECTIVE EQUIPMENT: Coveralls should be worn.

ENGINEERING CONTROLS: Use under well ventilated area to meet TLV requirements.

LEAK AND SPILL PROCEDURE: Notify safety personnel. Remove all sources of ignition. Provide adequate ventilation.

Absorb on vermiculite, paper, or other absorbent material. Burn in any approved or open pit away from buildings.

WASTE DISPOSAL: Can be incinerated. Follow federal, provincial and local regulations.

STORAGE REQUIREMENTS: Use with adequate ventilation. Keep container closed when not in use.

HANDLING PROCEDURES: Keep away from all sources of ignition. Use with adequate ventilation. Keep container closed.

N/AP= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · N/AV=NOT AVAILABLE
<=LESS THAN · >=MORE THAN

HMIS HAZARD RATING INFORMATION

FIRE	REACTIVITY	HEALTH	PERSONAL PROTECTION
1	0	1	

0 – Minimal, 1- Slight, 2 – Moderate, 3 – Serious, 4 – Extreme.

DISCLAIMER: Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases, data is not available and is so stated. Since conditions of actual product use are beyond the control of the supplier, it is assumed that the user of this material has been fully trained according to the mandatory requirements of WHIMIS. No warranty, expressed or implied is made, and supplier will not be liable for any losses, injuries, or consequential damage that may result from the use or reliance on any information contained in this form.

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