



# MATERIAL SAFETY DATA SHEET

## WINDOW CLEANER READY TO USE

### SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: Window Cleaner ready to use  
GENERAL/GENERIC NAME: Glass & window cleaner  
PRODUCT USE: October 6, 2011  
EFFECTIVE DATE: Alpine Specialty Chemicals Ltd.  
VENDOR NAME AND ADDRESS: 24 Ronson Drive, Unit 16  
Etobicoke, Ontario M9W 1B4  
613-996-6666  
24 HOUR EMERGENCY NO.

### SECTION 2 – COMPOSITION / INFORMATION INGREDIENTS

INGREDIENT	%W/W	CAS.NO	TLV	LD50 / LC50
Isopropanol	10 – 15	67-3-0	400 ppm	LD50 5045 mg/kg (oral/rat)
Ethylene Glycol Monobutyl Ether	1 - 5	111-76-2	20 ppm	LD50 0.5 – 3.0 g/kg (oral/rat)

### SECTION 3 – HAZARDS IDENTIFICATION

**Route of Entry:**

**Skin Contact:** May cause irritation.

**Eye Contact:** May cause transient irritation.

**Inhalation:** Mist may cause irritation of the respiratory tract.

**Ingestion:** May cause irritation to digestive tract.

**Effects of Acute Exposure:** (see section 11 for Toxicological information).

### SECTION 4 – FIRST AID

**Eyes:** Flush with running water for at least 15 minutes while holding eyelids open. Get medical attention.

**Skin Contact:** Flush contaminated skin with plenty of soap and water. Remove contaminated clothing. Launder contaminated clothing thoroughly before re-use. Seek medical attention if skin is burned or symptoms continue.

**Inhalation:** Remove victim to fresh air. Aid in breathing if necessary. If breathing stops, administer artificial respiration. Seek medical attention. Effects may be delayed for a few hours and aggravated by physical exertion.

**Ingestion:** Give plenty of water to drink to dilute stomach contents. **Do not induce vomiting.** Seek immediate medical attention.

**Note to Physician:** Risk of corneal injury if splashed into eyes.

### SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT: 180°F  
FLAMMABLE LIMITS: ND  
AUTO-IGNITION TEMP: ND  
EXTINGUISHING MEDIA: Foam, dry chemical, water fog, water spray.  
SPECIAL FIREFIGHTING PROCEDURES: ND  
EXPLOSION DATA: ND  
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Leak/Spill:** Contain spills; absorb onto inert material.

### SECTION 7 – HANDLING AND STORAGE

**Handling Procedures:** Avoid all skin contact. Ventilate adequately, otherwise wear an appropriate breathing apparatus. Avoid contact with eyes, skin or clothing. . Keep container closed when not in use.

**Storage Procedures:** Keep from freezing. Keep containers closed when not in use.

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### SECTION 8 – EXPOSURE CONTROLS

#### PROTECTIVE EQUIPMENT TO BE USED:

RESPIRATORY PROTECTION: Not required under adequate ventilation.  
VENTILATION: General ventilation adequate.  
PROTECTIVE GLOVES: Rubber  
EYE PROTECTION: Not required  
OTHER PROTECTIVE MEASURES: Not required

### SECTION 9 – PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid  
APPEARANCE AND ODOUR: Clear light blue liquid, pleasant fragrance  
ODOUR THRESHOLD: ND  
SPECIFIC GRAVITY: 1.0  
VAPOUR PRESSURE: ND  
VAPOUR DENSITY: ND  
PH: 10.5  
EVAPORATION RATE: ND  
INITIAL BOILING POINT: 100°C approximately  
WATER SOLUBILITY: Complete  
FREEZING POINT: 0°C approximately

### SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable  
INCOMPATIBILITY: NE  
HAZARDOUS DECOMPOSITION PRODUCTS: ND  
HAZARDOUS POLYMERIZATION: ND  
CONDITIONS TO AVOID: NE

### SECTION 11 – TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE: ND  
EFFECTS OF ACCUTE EXPOSURE:  
SKIN CONTACT: May cause irritation.  
EYE CONTACT: May cause irritation. May cause temporary damage if not treated properly.  
INHALATION: Inhalation of mist or spray may cause irritation.  
INGESTION: May cause irritation of the digestive tract.  
EFFECT OF CHRONIC EXPOSURE: None known  
IRRITANCY OF PRODUCT: Low  
CARCINOGENICITY: ND  
SENSITIZATION TO MATERIAL: ND  
REPRODUCTION TOXICITY: ND  
TERATOGENICITY: ND  
MUTAGENICITY: ND

### SECTION 12 – ECOLOGICAL CONSIDERATION

Biodegradable product

### SECTION 13 – DISPOSAL CONSIDERATIONS

**Waste Disposal:** In accordance with federal, provincial or local government requirements.

### SECTION 14 – TRANSPORT INFORMATION

**TDG Classification:** Flammable Liquid, N.O.S. (Isopropyl Alcohol)  
Class 3 UN 1993 PG III

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### **SECTION 15 – REGULATORY INFORMATION**

**WHMIS Classification:** D2B

### **SECTION 16 – OTHER INFORMATION**

Prepared by: Lab Personnel

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