

# SAFETY DATA SHEET

## WINTER CLEAN

### SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: WINTER CLEAN  
 PRODUCT USE: Hard surface cleaner.  
 VENDOR NAME AND ADDRESS: Alpine Specialty Chemicals Ltd.  
 9 City View Drive, Etobicoke, Ontario M9W 5A5  
 24 HOUR EMERGENCY NO. 613-996-6666 ( CANUTEC )

### SECTION 2 – HAZARDS IDENTIFICATION

#### CLASSIFICATION

- SKIN CORROSION /IRRITATION Category 1, EYE DAMAGE IRRITATION Category 1

#### LABEL ELEMENTS



- SIGNAL WORD: DANGER
- HAZARD STATEMENT(S): CAUSES SKIN CORROSION AND EYE DAMAGE, HARMFUL IF INHALED.
- PRECAUTIONARY STATEMENTS: Wash skin thoroughly after handling. Wear chemical safety glasses and nitrile gloves. Do not mix with acids. Dispose of contents/ containers in accordance with local regulations.
- Response: - IF ON EYES: Wash with plenty of water. Get medical attention.

IF SWALLOWED: Immediately call a poison center or doctor. Rinse mouth.

IF ON SKIN: Wash with plenty of water. Get medical attention. Take off contaminated clothes and wash it before reuse.

### SECTION 3 – COMPOSITION / INFORMATION INGREDIENTS

CHEMICAL NAME	%	CAS.NO
Monoethanol Amine	1-5	141-43-5

### SECTION 4 – FIRST AID MEASURES

**Inhalation:** Remove source of exposure or move to fresh air. Call a poison centre or doctor.

**Skin Contact:** Take off immediately all contaminated clothing. Rinse skin with water or shower. Get medical attention immediately. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Continue rinsing. Get medical attention immediately.

**Ingestion:** Call a doctor immediately. Rinse mouth. Do not induce vomiting.

**Note to physician:** Treat symptomatically, no specific antidote. See toxicological information (section 11)

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### SECTION 5 – FIRE FIGHTING MEASURES

**Extinguishing Media:**

**Suitable Extinguishing Media:** Use water spray, fog or foam.

**Unsuitable Extinguishing Media:** None known

**Specific hazards arising from the product:** Not flammable.

**Hazardous thermal decomposition products:** Decomposition products may include the following materials: carbon dioxide and carbon monoxide.

**Advice for fire-fighters:** Not available.

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:**

Wear suitable protective clothing. Wear eye/face protection.

**Environmental precautions:** Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.

**Methods and materials for containment and cleaning up:** Use a water rinse for final clean-up.

### SECTION 7 – HANDLING AND STORAGE

**Precautions for safe handling:** Ventilate adequately, otherwise wear an appropriate breathing apparatus. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling.

**Storage Procedures:** Keep containers closed when not in use. Do not store near acids. Store between the following temperatures: 15 to 40°C.

### SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

CHEMICAL NAME	ACGIH TLV		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8 hour TWA	Short term TWA Ⓢ
Monoethanol Amine	3 ppm		3 ppm		Not available	

ACGIH= American Conference of Governmental Industrial Hygienists. TLV = Threshold Limit Value. TWA = Time-weighted Average. STEL = Short-term Exposure Limit OSHA = US Occupational Safety and Health Administration. PEL = Permissible Exposure Limits. AIHA = AIHA Guideline Foundation. WEEL = Workplace Environmental Exposure Limit.

**Appropriate Engineering Control:** Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Individual Protection Measure:**

**Eye/Face Protection:** Do not get into eyes. Wear chemical safety goggles.

**Skin Protection:** Personal protective equipment comprising: nitrile gloves, safety goggles and protective clothing.

**Respiratory protection:** Not required

**Inhalation:** No special measures required. Treat symptomatically.

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance:</b>	Liquid, pink colour.
<b>Odour:</b>	Odourless.
<b>pH :</b>	12 ( 100 % )
<b>Melting Point:</b>	Not available
<b>Boiling point:</b>	> 100 °C
<b>Flash Point:</b>	Not available
<b>Vapour pressure:</b>	Not available
<b>Vapour density:</b>	Not available
<b>Evaporation Rate:</b>	Not available
<b>Flammability:</b>	Not available
<b>Explosive Limit:</b>	Not available
<b>Lower flammable/explosive limit:</b>	Not available
<b>Upper flammable/explosive limit:</b>	Not available
<b>Relative Density:</b>	Approx. = 1.04 ( Water = 1 )
<b>Viscosity:</b>	Not available
<b>Solubility in water:</b>	Soluble
<b>Auto ignition temperature</b>	Not available
<b>Partition coefficient - n-octanol/water:</b>	Not available
<b>Decomposition temperature:</b>	Not available

### SECTION 10 – STABILITY AND REACTIVITY

<b>STABILITY:</b>	Stable
<b>INCOMPATIBILITY:</b>	Acids, some metals. Oxidizing agents.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	None
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur.
<b>CONDITIONS TO AVOID:</b>	Avoid contact with strong acids, metals, oxidizing agents.

### SECTION 11 – TOXICOLOGICAL INFORMATION

<b>Chemical Name</b>	<b>LC50</b>	<b>LD50</b>	<b>LD50 ( dermal )</b>
Monoethanol Amine	Not available	1,089 mg/kg ( Rat )	Not available

**Routes of exposure:** Skin contact, Eye contact, Ingestion, Inhalation.

**Eye contact:** Causes eye damage.

**Skin contact.** Causes skin corrosion.

**Ingestion:** Causes digestive track irritation.

**Inhalation:** May cause nose, throat, and lung irritation.

**Acute toxicity:**

**Eye contact:** Causes eye damage.

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**Skin contact:** Causes skin corrosion.

**Inhalation:** Respiratory irritation.

**Ingestion:** Corrosion, abdominal pain.

**Germ cell mutagenicity:** Not available

**Carcinogenicity:** Not available

**Reproductive toxicity:** No evidence of reproductive toxicity or developmental toxicity.

**STOT - single exposure irritating to respiratory system.**

**STOT - Not classified.**

**Aspiration hazard:** Not classified.

### SECTION 12 – ECOLOGICAL CONSIDERATION

**Eco toxicity :** This material may be harmful to aquatic life.

**Bio accumulative potential Inorganic:** The substance has no potential for bioaccumulation.

**Mobility in soil:** Not applicable.

**Other adverse effects:** Not known.

### SECTION 13 – DISPOSAL CONSIDERATIONS

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

### SECTION 14 – TRANSPORT INFORMATION

**TDG Classification:** Not regulated.

### SECTION 15 – REGULATORY INFORMATION

Refer to section 2.

### SECTION 16 – OTHER INFORMATION

EFFECTIVE DATE:

June 08, 2016: **Revision 1**

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