



# MATERIAL SAFETY DATA SHEET

## ALPINE GREEN CHOICE LIME SCALE REMOVER

### SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: Alpine Green Choice Lime Scale Remover  
GENERAL/GENERIC NAME: Lime Scale Remover  
PRODUCT USE: AUGUST 21, 2014  
EFFECTIVE DATE: Alpine Specialty Chemicals Ltd  
VENDOR NAME AND ADDRESS: 9 City View Drive, Etobicoke, Ontario M9W 5A5  
24 HOUR EMERGENCY NO. 613-996-6666

### SECTION 2 – COMPOSITION / INFORMATION INGREDIENTS

INGREDIENT	CAS.NO	%W/W	TLV	LC50/LD50
Lactic Acid	50-21-5	10-18	ND	ND

### 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:** Immediately flush with running water for a minimum of 15 minutes. Call a physician if irritation develops.

**Inhalation:** If inhaled, remove victim to fresh air. If symptoms persist, call a physician.

**Ingestion:** **Do not induce vomiting.** Rinse mouth with water and then drink one glass of water. Seek immediate medical attention. Never give anything by mouth if victim is unconscious or rapidly losing consciousness or is convulsing.

### SECTION 5 – FIRE FIGHTING MEASURES

**Flammability:** ND **Flash Point deg. (C, TCC):** ND **LEL:** ND **UEL:** ND

**Hazardous Combustion Products:** Oxides of carbon **Means of Extinction:** If involved in fire use water, carbon dioxide. **Special Fire Hazards:** Wear self-contained breathing apparatus and protective clothing. Use water to cool containers exposed to fire.

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Leak/Spill:** Leaking product may be transferred to clean plastic containers. Contain spills, absorb onto inert material.

### SECTION 7 – HANDLING AND STORAGE

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

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### SECTION 8 – EXPOSURE CONTROLS

**Personal Protective Equipment:** Wear rubber gloves, chemical goggles if risk of contact.

**Engineering Controls:** General ventilation is adequate.

### SECTION 9 – PHYSICAL PROPERTIES

**Boiling Point:** Approx 100°C

**Vapour Pressure (mmHg):** ND

**Vapour Density (air = 1):** ND

**Percent Volatile (Wt%):** NA

**Physical State:** Liquid

**Odour:** Sour odour

**Appearance:** Clear colourless liquid

**Specific Gravity (water = 1):** 1.05

**Freezing Point(°C):** 0°C

**Evaporation Rate(BuAc=1):** NA

**pH:** (1%) 3

**Solubility in Water:** Complete

### SECTION 10 – STABILITY AND REACTIVITY

**Conditions for Chemical Instability:** Stable

**Hazardous Decomposition Products:** None

**Incompatible Materials:** None that cause hazards.

### SECTION 11 – TOXICOLOGICAL INFORMATION

**Route of Entry:** Eye, Skin, Inhalation, Ingestion

**Effects of Acute Exposure:**

**Irritancy:**

**Carcinogenicity:** Not by IARC conclusions. **Synergistic Materials:** None

**Teratogenicity, Mutagenicity, Reproductive Effects:** Not Established.

### SECTION 12 – ECOLOGICAL CONSIDERATION

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

### SECTION 13 – DISPOSAL CONSIDERATIONS

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

### SECTION 14 – TRANSPORT INFORMATION

**TDG Classification:** Non Regulated

### SECTION 15 – REGULATORY INFORMATION

**WHMIS Classification:** D2B

**On the DSL**

### SECTION 16 – OTHER INFORMATION

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