



# ALPINE

## SANITATION & SUPPLIES LTD.

**SERVICE FIRST**  
SOLUTION FOR ALL YOUR EXPECTATIONS

# MATERIAL SAFETY DATA SHEET

## SCALE AWAY

### PRODUCT INFORMATION

PRODUCT NAME: Scale Away  
GENERAL/GENERIC NAME: Acidic Organic Salt  
PRODUCT USE: Descaling  
TDG HAZARD CLASSIFICATION: Corrosive Liquid, Acidic, Organic, N.O.S. (Hydrochloride)  
Class 8 UN 3265 PG III  
WHMIS CLASSIFICATION: D;2B, E  
VENDOR NAME AND ADDRESS: Alpine Sanitation & Supplies Ltd.  
24 Ronson Drive, Unit 16  
Etobicoke, Ontario M9W 1B4  
CANUTEC 613-996-6666  
24 HOUR EMERGENCY NO.

### HAZARDOUS INGREDIENTS

INGREDIENT	%W/W	CAS.NO	TLV	LD50 / LC50
Organic Salt	40-70	506-89-8	NE	NE

### PHYSICAL DATA

PHYSICAL STATE: Liquid  
APPEARANCE AND ODOUR: Yellow clear liquid, floral odour  
ODOUR THRESHOLD: NA  
SPECIFIC GRAVITY: 1.114  
VAPOUR PRESSURE: ND  
VAPOUR DENSITY: ND  
PH: <1.0  
EVAPORATION RATE: ND  
INITIAL BOILING POINT: 100°C approximately  
WATER SOLUBILITY: Complete  
FREEZING POINT: 0°C approximately

### FIRE OR EXPLOSION HAZARD

FLASH POINT: None  
FLAMMABLE LIMITS: ND  
AUTO-IGNITION TEMP: ND  
EXTINGUISHING MEDIA: NA  
SPECIAL FIREFIGHTING PROCEDURES: High heat may cause containers to explode.  
EXPLOSION DATA: ND  
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, nitrogen and chlorine

### REACTIVITY DATA

STABILITY: Stable up to 110°C  
INCOMPATIBILITY: Avoid contact with oxidizers, aluminum, chlorates, nitrates, chlorine bleach, sulfides or cyanides  
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, nitrogen or chlorine  
HAZARDOUS POLYMERIZATION: Will not occur.  
CONDITIONS TO AVOID: Heating above 110°C may result in an exothermic decomposition with a rapid release of CO2 gas.

### TOXICOLOGICAL PROPERTIES

THRESHOLD LIMIT VALUE: NE  
EFFECTS OF ACCUTE EXPOSURE: Irritant  
SKIN CONTACT: Irritant.  
EYE CONTACT: Painful and irritating  
INHALATION: Irritant to mucous membranes  
INGESTION: May be harmful or fatal if ingested  
EFFECT OF CHRONIC EXPOSURE: Irritation  
IRRITANCY OF PRODUCT: Irritant  
CARCINOGENICITY: Not listed on NTP, ISRC, ACGIH  
SENSITIZATION TO MATERIAL: ND  
REPRODUCTION TOXICITY: ND  
TERATOGENICITY: ND  
MUTAGENICITY: None by Ames Assay

### PREVENTATIVE MEASURES

#### PROTECTIVE EQUIPMENT TO BE USED:

RESPIRATORY PROTECTION: Not required under adequate ventilation.  
VENTILATION: General ventilation adequate.  
PROTECTIVE GLOVES: Rubber  
EYE PROTECTION: Safety glasses and/or shields if risk of contact.  
OTHER PROTECTIVE MEASURES: Prevent contact with skin and eyes.

**SPILL OR LEAK PROCEDURES:** Contain spill; absorb onto inert material.

**WASTE DISPOSAL INFORMATION:** Dispose of in accordance with local, provincial and federal regulations.

**HANDLING AND STORAGE CONDITIONS:** Keep containers upright in a cool, dry place; keep containers closed when not in use.

### FIRST AID MEASURES

SKIN CONTACT: Wash with soap and water.  
EYE CONTACT: Flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.  
INHALATION: Remove to fresh air.  
INGESTION: DO NOT induce vomiting. Drink large quantities of fluids to dilute. Seek medical attention.

### PREPARATION INFORMATION

DATE REVISED:	October 22, 2008	NA	Not Applicable
DATE PREPARED:	October 25, 2002	ND	No Data Available
PREPARED BY:	Lab Personnel	NE	None Established
PHONE:	(416) 744-2120	NR	Not Regulated

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