

MATERIAL SAFETY DATA SHEET

MAJOR FLUSH



SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: Major Flush
GENERAL/GENERIC NAME:
PRODUCT USE: Liquid Drain Opener
EFFECTIVE DATE: October 6, 2011
VENDOR NAME AND ADDRESS: Alpine Specialty Chemicals Ltd.
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 |
|----------------|--------|-----------|--------|--------------------------------------|
| Sulphuric Acid | 60-100 | 7664-93-9 | 1mg/m3 | 90 ppm/4hr (Rat)/ 2140mg/kg (Rat) |

SECTION 3 – HAZARDS IDENTIFICATION

Route of Entry:

Skin Contact: Causes irritation.

Eye Contact: Causes transient irritation.

Inhalation: Mist cause irritation of the respiratory tract.

Ingestion: Causes irritation to digestive tract.

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

SECTION 4 – FIRST AID

Eyes: Contact can cause burns, severe corneal damage and permanent loss of vision.. Get medical attention immediately.

Skin Contact: Contact can cause severe tissue damage. 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.

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT: ND
FLAMMABLE LIMITS: ND
AUTO-IGNITION TEMP: ND
EXTINGUISHING MEDIA:
SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing.
EXPLOSION DATA: ND
HAZARDOUS COMBUSTION PRODUCTS: NA

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak/Spill: Contain spill; 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.

MATERIAL SAFETY DATA SHEET

MAJOR FLUSH

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

SECTION 8 – EXPOSURE CONTROLS

PROTECTIVE EQUIPMENT TO BE USED:

RESPIRATORY PROTECTION: Not required under adequate ventilation.
VENTILATION: General ventilation adequate.
PROTECTIVE GLOVES: Rubber gloves Confirm with reputable supplier first.
EYE PROTECTION: Safety glasses if risk of contact and safety shield.
OTHER PROTECTIVE MEASURES: ND

SECTION 9 – PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid
APPEARANCE AND ODOUR: Clear amber pungent odor.
ODOUR THRESHOLD: ND
SPECIFIC GRAVITY: 1.835
VAPOUR PRESSURE: ND
VAPOUR DENSITY: ND
pH: <1.0
EVAPORATION RATE: ND
INITIAL BOILING POINT: NA
WATER SOLUBILITY: Complete
FREEZING POINT: ND

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable
INCOMPATIBILITY: Organics, metals and combustible materials.
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of sulfur, toxic fumes.
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: Very Hazardous product.

SECTION 11 – TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE: ND
EFFECTS OF ACUTE EXPOSURE
SKIN CONTACT: Cause skin burn
EYE CONTACT: Contacts cause burns, severe corneal damage and permanent loss of vision .
INHALATION: May cause irritation to the respiratory tract.
INGESTION: May cause irritation to the digestive tract. May be harmful if swallowed.
EFFECT OF CHRONIC EXPOSURE: Repeated or prolonged exposure may cause drying of skin and dermatitis.
IRRITANCY OF PRODUCT: Hazardous by WHMIS criteria.
CARCINOGENICITY: ND
SENSITIZATION TO MATERIAL: ND
REPRODUCTION TOXICITY: ND
TERATOGENICITY: ND
MUTAGENICITY: ND

SECTION 12 – ECOLOGICAL CONSIDERATION

No permanent effects on ecosystem

SECTION 13 – DISPOSAL CONSIDERATIONS

MATERIAL SAFETY DATA SHEET

MAJOR FLUSH

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

SECTION 14 – TRANSPORT INFORMATION

TDG Classification: Sulfuric Acid with more than 51 % Acid, CLASS 8 UN 1830 PG II

SECTION 15 – REGULATORY INFORMATION

WHMIS Classification: D1A, E

SECTION 16 – OTHER INFORMATION

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