



ALPINE
SANITATION & SUPPLIES LTD.
SERVICE FIRST
SOLUTION FOR ALL YOUR EXPECTATIONS

MATERIAL SAFETY DATA SHEET

EASY FLOW

PRODUCT INFORMATION

PRODUCT NAME: Easy Flow
GENERAL/GENERIC NAME: Liquid Drain Opener
PRODUCT USE:
TDG HAZARD CLASSIFICATION: Sulphuric Acid Class: 8 UN:1830 PG:II
WHMIS CLASSIFICATION: Class E: Corrosive Material Class D: Division 1A
VENDOR NAME AND ADDRESS: Alpine Sanitation & Supplies Ltd.
24 Ronson Drive, Unit 16
Etobicoke, Ontario M9W 1B4
Tel. 416 744-2120
24 HOUR EMERGENCY NO. CANUTEC 613-996-6666

HAZARDOUS INGREDIENTS

INGREDIENTS: CAS# WT% ACGIH-TLV LC50
LD50 Sulphuric Acid 7664-93-9 60-100 1 mg/m³
TWA 90 ppm/4hr (Rat) 2140 mg/kg (Oral Rat)

PHYSICAL DATA

BOILING POINT (DEG C): 270
SPECIFIC GRAVITY (H2O=1): 1.835
VAPOUR PRESSURE (mm Hg): 0.0018@20°C
PERCENT VOLATILE (WT%): Not available
VAPOUR DENSITY (AIR=1): 3.4
EVAPORATION RATE (Water=1): Not available
SOLUBILITY IN WATER: Soluble PH (AS SUPPLIED): <1.0
PHYSICAL STATE: Liquid VISCOSITY: Not available
APPEARANCE AND ODOUR: Clear amber, pungent odour.

FIRE and EXPLOSION HAZARD

FLAMMABILITY:	Not flammable but highly reactive.
FLASH POINT:	Not applicable
LEL:	Not available
UEL:	Not available
HAZARDOUS COMBUSTION PRODUCTS:	Not applicable
MEANS OF EXTINCTION:	Treat for surrounding material. Use dry chemical, carbon dioxide, foam or water spray.
SPECIAL FIRE HAZARDS:	Corrosive material. Container may burst in heat of fire. Contact with moisture may result in heating. Capable of igniting finely divided combustibles on contact. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of decomposition. Reacts violently with water.

REACTIVITY DATA

CONDITIONS FOR CHEMICAL INSTABILITY:	Stable
INCOMPATIBILITY:	Organics, metals and combustible materials.
HAZARDOUS DECOMPOSITION:	Decomposes on heating emitting toxic fumes. Oxides of sulphur.

TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:	Eye, skin contact, inhalation, ingestion
EFFECTS OF ACUTE EXPOSURE: EYE:	Contact can cause burns, severe corneal damage and permanent loss of vision.
SKIN:	Contact can cause severe tissue damage.
INHALATION:	Can cause nose, throat, and respiratory tract irritation coughing, headache and medical problems.
INGESTION:	Can cause burns to mouth, throat, stomach and medical problems.
EFFECTS OF CHRONIC EXPOSURE:	
SKIN:	Prolonged or repeated exposure can cause skin burns.
IRRITANCY:	Hazardous by WHMIS criteria.
RESPIRATORY TRACT SENSITIZATION:	No data available
CARCINOGENIC EFFECTS:	Insufficient data available
TERATOGENIC EFFECTS:	Insufficient data available
MUTAGENIC EFFECTS:	Insufficient data available
SYNERGISTIC MATERIALS:	Not available

PREVENTATIVE MEASURES

GLOVES:	Butyl, nitrile rubber or natural rubber. Confirm with reputable supplier first.
RESPIRATORY PROTECTION:	Chemical goggles and face shield. If inhalation of high concentration of mist is likely, use high efficiency air respirator.
OTHER PROTECTIVE EQUIPMENT:	As required by employer codes. Local exhaust recommended.
LEAK AND SPILL PROCEDURE:	Before attempting clean up, refer to hazard data given above. Dilute small spills with water and mop up with non-reactive absorbent and placed in suitable, covered labeled containers. If necessary, neutralize the residue with a dilution solution of sodium carbonate. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.
WASTE DISPOSAL:	Review federal, provincial and local government requirements prior to disposal.
STORAGE REQUIREMENTS:	Store in closed containers. Store away from incompatible materials. Store in a cool, dry well ventilated area.

FIRST AID MEASURES

EYE:	Immediately flush with water for 15 minutes. Call a doctor immediately.
SKIN:	Rinse with soap and water. Call a doctor if irritation develops and persists. Completely decontaminate clothing, shoes and leather goods before reuse or discard.
INHALATION:	Remove to fresh air. If symptoms persist, call a doctor.
INGESTION:	Do not induce vomiting. Rinse mouth with water; drink two or more glasses of water. Contact a doctor immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

PREPARATION INFORMATION

DATE REVISED:	October 22, 2008	NA	Not Applicable
DATE PREPARED:	December 14, 2004	ND	No Data Available
PREPARED BY:	Lab Personnel	NE	None Established
PHONE:	(416) 744-2120	NR	Not Regulated

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