



ALPINE

SANITATION & SUPPLIES LTD.

SERVICE FIRST

SOLUTION FOR ALL YOUR EXPECTATIONS

MATERIAL SAFETY DATA SHEET

LAUNDRY SOUR

PRODUCT INFORMATION

PRODUCT NAME: Laundry Sour
GENERAL/GENERIC NAME:
PRODUCT USE:
TDG HAZARD CLASSIFICATION: Corrosive Liquid, Acidic, Inorganic, N.O.S. (Hydrofluosilicic Acid)
Class 8 UN 3264 PG III
WHMIS CLASSIFICATION: D2B, E
VENDOR NAME AND ADDRESS: Alpine Sanitation & Supplies Ltd.
24 Ronson Drive, Unit 16
Etobicoke, Ontario M9W 1B4
24 HOUR EMERGENCY NO. CANUTEC 613-996-6666

HAZARDOUS INGREDIENTS

INGREDIENT	%W/W	CAS.NO	TLV	LD50 / LC50
Hydrofluosilicic Acid	10 - 20	16961-83-4	2.mg/m3	200 mg/kg (guinea pig)

PHYSICAL DATA

PHYSICAL STATE: Liquid
APPEARANCE AND ODOUR: Clear colourless liquid
ODOUR THRESHOLD: ND
SPECIFIC GRAVITY: 1.1
VAPOUR PRESSURE: ND
VAPOUR DENSITY: NP
PH: 1.0
EVAPORATION RATE: 1.0
INITIAL BOILING POINT: 212-220 (F)
WATER SOLUBILITY: Complete
FREEZING POINT: ND

FIRE OR EXPLOSION HAZARD

FLASH POINT: None
FLAMMABLE LIMITS: Not Flammable
AUTO-IGNITION TEMP: NA
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, alcohol foam, water fog, water
SPECIAL FIREFIGHTING PROCEDURES: Wear self contained breathing apparatus and protective clothing.

EXPLOSION DATA: NA
HAZARDOUS COMBUSTION PRODUCTS NA

REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY: Soft metals, bleach
HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen gas, chlorine
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: Excessive heat, sparks and open flame.

TOXICOLOGICAL PROPERTIES

THRESHOLD LIMIT VALUE: ND
EFFECTS OF ACCUTE EXPOSURE:
SKIN CONTACT: Corrosive. May cause severe burns.
EYE CONTACT: Contact of liquid will cause severe burns. Severe irritant upon contact.
INHALATION: Corrosive.
INGESTION: Corrosive. Respiratory irritation, breathlessness, coughing, chest tightness and difficulty breathing.
EFFECT OF CHRONIC EXPOSURE:
IRRITANCY OF PRODUCT: Corrosive
CARCINOGENICITY: None
SENSITIZATION TO MATERIAL: NA
REPRODUCTION TOXICITY: None
TERATOGENICITY: ND
MUTAGENICITY: ND

PREVENTATIVE MEASURES

PROTECTIVE EQUIPMENT TO BE USED:

RESPIRATORY PROTECTION: NIOSH approved if ventilation is not adequate.
VENTILATION: Local, mechanical exhaust ventilation to maintain vapour concentration below exposure limits.
PROTECTIVE GLOVES: Neoprene or rubber
EYE PROTECTION: Splash proof chemical goggles
OTHER PROTECTIVE MEASURES: Impervious protective clothing.

SPILL OR LEAK PROCEDURES: Wear protective equipment and eye protection. Contain spill. Neutralize carefully with soda ash. Collect and contain in suitable disposal containers. Flush area with water, prevent from entering waterways.

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

FIRST AID MEASURES

SKIN CONTACT: Wash immediately with water. Remove contaminated clothing. Keep flushing with water for at least 30 minutes. Seek medical attention IMMEDIATELY.

EYE CONTACT: Flush eyes with water for at least 30 minutes. Keep eyelids open while flushing. Seek medical attention IMMEDIATELY.

INHALATION: Remove to fresh air. Lay down and keep quiet. Seek medical attention IMMEDIATELY.

INGESTION: DO NOT induce vomiting. Drink large amounts of water if conscious. Seek medical attention IMMEDIATELY.

PREPARATION INFORMATION

DATE REVISED:	October 22, 2008	NA	Not Applicable
DATE PREPARED:	October 13, 1999	ND	No Data Available
PREPARED BY:	Lab Personnel	NE	None Established
PHONE:	(416) 744-2120	NR	Not Regulated

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