



ALPINE

SANITATION & SUPPLIES LTD.

SERVICE FIRST

SOLUTION FOR ALL YOUR EXPECTATIONS

MATERIAL SAFETY DATA SHEET

NUTRA BRITE

PRODUCT INFORMATION

PRODUCT NAME: Nutra Brite
GENERAL/GENERIC NAME:
PRODUCT USE: Rust removing sour
TDG HAZARD CLASSIFICATION: Corrosive Liquid, Acidic, Inorganic, N.O.S. (Hydrofluosilicic Acid)
Class 8 UN 3264 PG III
WHMIS CLASSIFICATION: E, D2B
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
Ammonium Bifluoride	5 - 15	1341497	2.5 mg/m3	Not Available
Hydrofluosilicic Acid	10 - 20	16961-83-4	2.5 mg/m3	200 mg/kg (guinea pig)

PHYSICAL DATA

PHYSICAL STATE: Liquid
APPEARANCE AND ODOUR: Clear, colourless
ODOUR THRESHOLD: ND
SPECIFIC GRAVITY: 1.15
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: ND
FLAMMABLE LIMITS: ND
AUTO-IGNITION TEMP: ND
EXTINGUISHING MEDIA: ND
SPECIAL FIREFIGHTING PROCEDURES: Wear self contained breathing apparatus and special protective clothing.
EXPLOSION DATA: ND
HAZARDOUS COMBUSTION PRODUCTS: Chlorine gas, oxides of phosphorous

REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY: Soft metals, bleach
HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen, chlorine
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: Contact with soft metals will generate flammable hydrogen gas.

TOXICOLOGICAL PROPERTIES

THRESHOLD LIMIT VALUE: ND
EFFECTS OF ACCUTE EXPOSURE
SKIN CONTACT: Corrosive. May cause irritation.
EYE CONTACT: Corrosive. May cause permanent damage if not treated promptly.
INHALATION: Corrosive. Breathing mist or spray may cause severe irritation.
INGESTION: Corrosive. May cause irritation to digestive tract.
EFFECT OF CHRONIC EXPOSURE: Repeated or prolonged exposure may cause drying and cracking of skin.
IRRITANCY OF PRODUCT: Moderate
CARCINOGENICITY: ND
SENSITIZATION TO MATERIAL: ND
REPRODUCTION TOXICITY: ND
TERATOGENICITY: ND
MUTAGENICITY: ND

PREVENTATIVE MEASURES

PROTECTIVE EQUIPMENT TO BE USED:

RESPIRATORY PROTECTION: Not required under adequate ventilation.
VENTILATION: General ventilation adequate.
PROTECTIVE GLOVES: Rubber
EYE PROTECTION: Safety goggles
OTHER PROTECTIVE MEASURES: ND

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

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

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. Seek medical attention.

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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