

MATERIAL SAFETY DATA SHEET

CHISEL



SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: Chisel
GENERAL/GENERIC NAME:
PRODUCT USE: High viscosity caustic cleaner
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. 613-996-6666

SECTION 2 – COMPOSITION / INFORMATION INGREDIENTS

INGREDIENT	%W/W	CAS.NO	TLV	LD50 / LC50
Potassium Hydroxide	20 – 30	1310-58-3	2mg/m3	Oral 365 mg/kg (rat)
Glycol Ether DM	1 – 10	111-77-3	ND	ND
Propylene Glycol	1 – 5	57-55-6	ND	ND

SECTION 3 – HAZARDS IDENTIFICATION

Route of Entry:

Skin Contact: May cause irritation.

Eye Contact: May cause transient irritation.

Inhalation: Mist may cause irritation of the respiratory tract.

Ingestion: May cause irritation to digestive tract.

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

SECTION 4 – FIRST AID

Eyes: Flush with running water for at least 15 minutes while holding eyelids open. Get medical attention.

Skin Contact: 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.

Note to Physician: Risk of corneal injury and possible blindness if splashed into eyes.

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT: Not Applicable
FLAMMABLE LIMITS: Not Applicable
AUTO-IGNITION TEMP: Not Applicable
EXTINGUISHING MEDIA: As for surrounding fire.
SPECIAL FIREFIGHTING PROCEDURES:
EXPLOSION DATA: Contact with soft metals such as aluminum and galvanized can
HAZARDOUS COMBUSTION PRODUCTS: Not Applicable

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.

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

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SECTION 8 – EXPOSURE CONTROLS

PROTECTIVE EQUIPMENT TO BE USED:

RESPIRATORY PROTECTION: Not normally required. Wear NIOSH approved respirator if vapour in air causes irritation.

VENTILATION: General ventilation adequate.

PROTECTIVE GLOVES: Rubber or Nitrile

EYE PROTECTION: Wear goggles or full face shield

OTHER PROTECTIVE MEASURES: As needed to prevent contact with clothing.

SECTION 9 – PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid

APPEARANCE AND ODOUR: Dark viscous liquid, Mild odour

ODOUR THRESHOLD: Not Available

SPECIFIC GRAVITY: 1.23

VAPOUR PRESSURE: As water

VAPOUR DENSITY: As water

PH: 14

EVAPORATION RATE: As water

INITIAL BOILING POINT: 102°C

WATER SOLUBILITY: Complete

FREEZING POINT: Not Available

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable

INCOMPATIBILITY: Do not mix with acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Contact with aluminum, zinc, tin or galvanized metals.

SECTION 11 – TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE: ACGIH TLV-TWA-Potassium Hydroxide 2mg/M³

EFFECTS OF ACCUTE EXPOSURE: Will aggravate pre-existing dermatitis

SKIN CONTACT: Corrosive. Causes burns and irritation

EYE CONTACT: Corrosive. Causes burns.

INHALATION: Spray mist irritating; Possible tissue damage. Not a likely route of entry because of the viscous nature of the product.

INGESTION: Corrosive. Causes burns to mouth, throat and esophagus.

EFFECT OF CHRONIC EXPOSURE: No Data Available

IRRITANCY OF PRODUCT: Serious irritant

CARCINOGENICITY: None

SENSITIZATION TO MATERIAL: Not Available

REPRODUCTION TOXICITY: None

TERATOGENICITY: Not Available

MUTAGENICITY: Not Available

SECTION 12 – ECOLOGICAL CONSIDERATION

No permanent effects on ecosystems.

SECTION 13 – DISPOSAL CONSIDERATIONS

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

SECTION 14 – TRANSPORT INFORMATION

TDG Classification: Corrosive Liquid, Basic, Inorganic, N.O.S. (Potassium Hydroxide)
Class 8 UN 3266 Packing Group III

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SECTION 15 – REGULATORY INFORMATION

WHMIS Classification: D2B, E

SECTION 16 – OTHER INFORMATION

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