



MATERIAL SAFETY DATA SHEET

HAMMER OVEN CLEANER Ready to use

SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: Hammer Oven Cleaner Ready to use
GENERAL/GENERIC NAME: Oven Cleaner
PRODUCT USE: August 21, 2014
EFFECTIVE DATE: Alpine Specialty Chemicals Ltd.
VENDOR NAME AND ADDRESS: 9 City View Drive, Etobicoke, Ontario M9W 5A5
24 HOUR EMERGENCY NO. 613-996-6666

SECTION 2 – COMPOSITION / INFORMATION INGREDIENTS

INGREDIENT	%W/W	CAS.NO	TLV	LD50 / LC50
Potassium Hydroxide	5 – 10	1310-58-3	TLV 2mg/cu.m	LD50 365 mg/kg (oral/rat)
Monoethanolamine	2 – 10	141-43-5	TLV (ACGIH)	LD50 2100 mg/kg (oral/rat)
Glycol Ether	1 - 5	111-76-2	ND	ND

SECTION 3 – HAZARDS IDENTIFICATION

Route of Entry:

Skin Contact: Causes severe irritation.

Eye Contact: Causes burns.

Inhalation: Mist causes irritation of the respiratory tract.

Ingestion: Causes burns 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: ND
FLAMMABLE LIMITS: ND
AUTO-IGNITION TEMP: ND
EXTINGUISHING MEDIA: As per surrounding fire.
SPECIAL FIREFIGHTING PROCEDURES: None
EXPLOSION DATA: ND
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon and nitrogen.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak/Spill: Contain spills; absorb onto inert material.

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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.

SECTION 8 – EXPOSURE CONTROLS

PROTECTIVE EQUIPMENT TO BE USED:

RESPIRATORY PROTECTION: Not required under adequate ventilation.
VENTILATION: General ventilation adequate.
PROTECTIVE GLOVES: Rubber or Neoprene
EYE PROTECTION: Safety goggles
OTHER PROTECTIVE MEASURES: Wear proper safety equipment when handling product. Eye wash station should be available.

SECTION 9 – PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid
APPEARANCE AND ODOUR: Clear liquid.
ODOUR THRESHOLD: ND
SPECIFIC GRAVITY: 1.03
VAPOUR PRESSURE: ND
VAPOUR DENSITY: ND
PH: 13.5
EVAPORATION RATE: ND
INITIAL BOILING POINT: 100°C approximately
WATER SOLUBILITY: Complete
FREEZING POINT: 0°C approximately

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable
INCOMPATIBILITY: Strong Acids
HAZARDOUS DECOMPOSITION PRODUCTS: ND
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: Contact with strong acids will generate heat.

SECTION 11 – TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE: ND
EFFECTS OF ACCUTE EXPOSURE:
SKIN CONTACT: Corrosive. Causes severe irritation.
EYE CONTACT: Corrosive. Causes temporary or permanent damage if not treated promptly.
INHALATION: Breathing mist, spray or vapor causes burns.
INGESTION: Causes severe irritation to digestive tract. Maybe harmful if swallowed.
EFFECT OF CHRONIC EXPOSURE: Animals receiving repeated doses of concentrated Butoxyethanol develops hemolytic anemia and secondary injury to the kidney and liver.
IRRITANCY OF PRODUCT: Medium
CARCINOGENICITY: ND
SENSITIZATION TO MATERIAL: ND
REPRODUCTION TOXICITY: ND
TERATOGENICITY: ND
MUTAGENICITY: ND

SECTION 12 – ECOLOGICAL CONSIDERATION

No permanent effects on ecosystems.

SECTION 13 – DISPOSAL CONSIDERATIONS

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

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SECTION 14 – TRANSPORT INFORMATION

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

SECTION 15 – REGULATORY INFORMATION

WHMIS Classification: D2B, E

SECTION 16 – OTHER INFORMATION

Prepared by: Lab Personnel

Phone: (416) 744-2120

Website: www.alpinechem.com

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