



Material Safety Data Sheet

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#12 Heavy Duty Degreaser Conc.

Use: Degreaser Concentrate

Code: FHIP012J, K

Date of MSDS: December 1, 2014

WHMIS: E

TDG: Not Regulated

HMIS: Health - 3, Flammability - 0, Reactivity - 0, PPE - B

Emergency Telephone #
CANUTEC 613-996-6666

I - HAZARDOUS INGREDIENTS

Chemical Name	Wt/Wt %	CAS #	LD50 (mg/kg)	LC50
Tetrasodium Salt of EDTA	1-5	64-02-3	3030 oral rat	not available
2-Aminoethanol	1-5	141-43-5	1720 oral rat	not available
Hexylene Glycol	3-7	107-41-5	3700 oral rat	not available
Alkyl Dimethyl Benzyl Ammonium Chloride	1-5	8001-54-4	330 oral rabbit	not available
Linear Alcohol	1-5	68131-39-5	1800 oral rat	not available

II - PHYSICAL DATA

Physical State: liquid Viscosity: water thin Vapour Pressure: not available Oil/Water Factor: not available
Appearance: clear orange pH: 12.5 Vapour Density: not available Evaporation Rate: as for water
Odour: mild surfactant Specific Gravity: 1.052 Boiling Point (°C): 96 Odour Threshold: not available
Freezing Point (°C): not available

III - FIRE AND EXPLOSION DATA

Conditions of Flammability: not flammable UFL: not established
Flash Point and Test Method: none LFL: not established
Sensitivity to Static Discharge or Mechanical Impact: not available Hazardous Combustion Products: oxides of carbon
Means of Extinction: Alcohol foam, carbon dioxide, or dry chemical. Auto-Ignition Temperature: not available
Fire fighters should wear self-contained breathing apparatus.

IV - REACTIVITY DATA

Conditions of Chemical Instability: stable Conditions of Reactivity: not applicable
Incompatible Substances: strong oxidizers, acids Hazardous Decomposition Products: not available
Storage Requirements: store in closed containers away from incompatible materials

V - TOXICOLOGICAL PROPERTIES

Synergistic Materials: not available Route(s) of Entry: skin, eyes, ingestion, inhalation, absorption
Irritancy of Product: hazardous Sensitization: not available
Acute Effects **Chronic Effects**
Eye: contact may cause severe irritation or chemical burns Carcinogen: none
Skin: may cause severe irritation or chemical burns Teratogen: not available
Inhalation: highly irritating to the respiratory system Mutagen: not available
Ingestion: may cause vomiting, headache and medical problems Reproductive Toxin: not available
Prolonged/Repeated Exposure: Skin - Can cause drying, defatting & dermatitis.
May be absorbed through skin in toxic amount.

VI - FIRST AID MEASURES

Eye Contact: Immediately flush with water for 15 minutes. If irritation persists, contact a physician.
Skin Contact: Immediately flush with water for 15 minutes. Contact a physician if irritation develops.
Inhalation: Completely decontaminate clothing, shoes and leather or discard.
Ingestion: Remove to fresh air. If symptoms persist, contact a physician.
Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Contact a physician immediately.
Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

VII - PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes: safety glasses Skin: impermeable gloves
Respiratory: not normally required if good ventilation is maintained
Ventilation: General ventilation normally adequate. Local exhaust for large scale or elevated temperature use.

VIII - SPECIAL MEASURES

For Leaks or Spills: Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered labeled containers.
Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.
Waste Disposal: Review all Federal, Provincial and local regulations prior to disposal.

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