



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
Eye: contact may cause severe irritation or chemical burns **Chronic Effects**
Skin: may cause severe irritation or chemical burns **Carcinogen:** none
Inhalation: highly irritating to the respiratory system **Teratogen:** not available
Ingestion: may cause vomiting, headache and medical problems **Mutagen:** not available
Prolonged/Repeated Exposure: Skin - Can cause drying, defatting & dermatitis. **Reproductive Toxin:** not available
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.
Completely decontaminate clothing, shoes and leather or discard.
Inhalation: Remove to fresh air. If symptoms persist, contact a physician.
Ingestion: 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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