



Material Safety Data Sheet

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Pirate

Use: Multi-Purpose Cleaner

Code: FH300

Date of MSDS: December 1, 2014

WHMIS: D2B

TDG: Not Regulated

HMIS: Health - 2, 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	64-02-8	3030 Oral Rat	Not Available
2 - Aminoethanol	1-5	141-43-5	1720 -2740 Oral Rat	Not Available
Hexylene Glycol	1-5	Not Available	Not Available	Not Available
Non-Ionic Surfactant Blend	1-5	68131-39-5	1800 Oral Rat	Not Available

II - PHYSICAL DATA

Physical State: liquid **Viscosity:** 4.5 cps **Vapour Pressure:** not available **Oil/Water Factor:** not available
Appearance: clear turquoise **pH:** 11.0 **Vapour Density:** not available **Evaporation Rate:** similar
Odour: mild detergent **Specific Gravity:** 1.080 **Boiling Point (°C):** 93 **Odour Threshold:** not available
Freezing Point (°C): not available

III - FIRE AND EXPLOSION DATA

Conditions of Flammability: not flammable **UFL:** not available
Flash Point and Test Method: not applicable **LFL:** not available
Sensitivity to Static Discharge or Mechanical Impact: not available **Auto-Ignition Temperature:** not available
Hazardous Combustion Products: not available **Means of Extinction:** treat for surrounding material

IV - REACTIVITY DATA

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

V - TOXICOLOGICAL PROPERTIES

Synergistic Materials: none known **Route(s) of Entry:** skin, eyes, ingestion, inhalation
Irritancy of Product: hazardous by WHMIS **Sensitization:** not available
Acute Effects **Chronic Effects**
Eye: contact may cause severe irritation or chemical burns **Carcinogen:** none known
Skin: may cause severe irritation or chemical burns **Teratogen:** none known
Inhalation: highly irritating to the respiratory system **Mutagen:** none known
Ingestion: can cause vomiting, headache & medical problems **Reproductive Toxin:** none known
Prolonged or 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. 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:** chemical splash goggles **Skin:** impermeable gloves.
Respiratory: not normally required if good ventilation is maintained
Ventilation: general ventilation normally adequate

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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