



Material Safety Data Sheet

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Pearl 405

Use: Liquid All Purpose Cleaner

Code: FH405D, J, P

Date of MSDS: December 1, 2014

WHMIS: D2B

TDG: Not Regulated

HMIS: Health - 1, Flammability - 0, Reactivity - 0, PPE - A

Emergency Telephone # CANUTEC

613-996-6666

I - HAZARDOUS INGREDIENTS

Chemical Name	Wt/Wt %	CAS #	LD50 (mg/kg)	LC50
Surfactant Blend	1-5	68131-39-5	not available	not available

II - PHYSICAL DATA

Physical State: liquid **Viscosity:** not applicable **Freezing Point (°C):** < 0 **Oil/Water Factor:** not available
Appearance: clear pink **pH:** 7.5 – 8.5 (as is) **Vapour Density:** not applicable **Evaporation Rate:** 1 (water=1)
Odour: citrus **Specific Gravity:** 0.99 – 1.0 **Boiling Point (°C):** approx. 100 **Odour Threshold:** not applicable
Vapour Pressure: less than 0.1 mmHg @ 25°C

III - FIRE AND EXPLOSION DATA

Conditions of Flammability: non-flammable **UFL:** not applicable
Flash Point and Test Method: not applicable **LFL:** not applicable
Sensitivity to Static Discharge or Mechanical Impact: not applicable **Auto-Ignition Temperature:** not available
Hazardous Combustion Products: oxides of carbon
Means of Extinction: Treat for surrounding material & fire. Water, dry chemical, carbon dioxide, foam.

IV - REACTIVITY DATA

Conditions of Chemical Instability: stable **Conditions of Reactivity:** not applicable
Incompatible Substances: strong oxidizing agents, acids and cationic materials
Hazardous Decomposition Products: not available
Storage Requirements: Store in closed containers, away from incompatibles.

V - TOXICOLOGICAL PROPERTIES

Synergistic Materials: none known **Route(s) of Entry:** skin, eyes, ingestion, inhalation
Irritancy of Product: mild **Sensitization:** none known
Acute Effects **Chronic Effects**
Eye: May cause irritation. No serious irreversible effects expected if treated promptly. **Carcinogen:** none known
Skin: May cause moderate irritation under repeated or prolonged use. **Teratogen:** none known
Inhalation: No serious irreversible effects expected. **Mutagen:** none known
Ingestion: May cause irritation of digestive tract. **Reproductive Toxin:** none known
Prolonged or Repeated Exposure - Skin: prolonged or repeated exposure may cause drying.

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. Contact a physician if irritation develops.
 Completely decontaminate clothing before reuse, or discard.
Inhalation: Remove to fresh air. If symptoms persist, contact a physician.
Ingestion: Do not induce vomiting. Rinse mouth with 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 recommended for handling concentrated product.
Skin: impermeable gloves recommended for extended skin contact with concentrate
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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