



Material Safety Data Sheet

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Pearl Plus AS

Use: Anti-Static All Purpose Cleaner

Code: FH406ASJ

Date of MSDS: December 1, 2017

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
d-Limonene	1-5	5989-27-5	4400 oral rat	not available
Alcohol Ethoxylate	1-5	68131-39-5	2000 oral rat	not available

II - PHYSICAL DATA

Physical State: liquid **Viscosity:** 153 cps **Freezing Point (°C):** not available **Oil/Water Factor:** not available
Appearance: clear pink **pH:** 9.0 ± 0.5 **Vapour Density:** similar **Evaporation Rate:** similar
Odour: citrus **Specific Gravity:** 1.0 **Boiling Point (°C):** not available **Odour Threshold:** not available
Vapour Pressure: less than 0.1 mmHg @ 25°C

III - FIRE AND EXPLOSION DATA

Conditions of Flammability: not flammable **UFL:** not applicable
Flash Point and Test Method: none **LFL:** not applicable
Sensitivity to Static Discharge or Mechanical Impact: not applicable **Auto-Ignition Temperature:** not applicable
Hazardous Combustion Products: oxides of carbon
Means of Extinction: treat for surrounding material & fire

IV - REACTIVITY DATA

Conditions of Chemical Instability: stable **Conditions of Reactivity:** not applicable
Incompatible Substances: strong oxidizing agents, acids, alkaline products and bleach
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: mild **Sensitization:** none known
Acute Effects **Chronic Effects**
Eye: may cause severe irritation, reddening and swelling **Carcinogen:** none known
Skin: may cause moderate to high irritation. **Teratogen:** none known
Inhalation: May cause nose, throat & respiratory tract irritation, coughing and headache. **Mutagen:** none known
Ingestion: may cause vomiting, headache & medical problems **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 for 15 minutes. Contact a physician if irritation develops.
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 for handling concentrate
Skin: impermeable gloves 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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