



Material Safety Data Sheet

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Battlefield

Use: Low-Foam GP Cleaner

Code: FH415D, P

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
d-Limonene	1-5	5989-27-5	4000 oral rat	not available
Non-Ionic Surfactant	1-5	68131-39-5	1800 oral rat	not available
Tetrasodium Salt of EDTA	1-5	64-02-8	3030 oral rat	not available
Alkyl Dimethyl Benzyl Ammonium Chloride	1-5	8001-45-9	320 oral rat	not available

II - PHYSICAL DATA

Physical State: liquid **Viscosity:** 200 cps **Vapour Pressure:** not available **Oil/Water Factor:** not available
Appearance: opaque pink **pH:** 9.6 **Vapour Density:** similar **Evaporation Rate:** similar
Odour: citrus **Specific Gravity:** 1.070 **Boiling Point (°C):** not available **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: none **LFL:** not available
Sensitivity to Static Discharge or Mechanical Impact: not available **Auto-Ignition Temperature:** not available
Hazardous Combustion Products: oxides of carbon **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: non-hazardous **Sensitization:** contains potential skin sensitizer
Acute Effects
Eye: can cause severe irritation, reddening and swelling **Chronic Effects**
Skin: moderate to high irritation. **Carcinogen:** none known
Inhalation: not applicable **Teratogen:** none known
Ingestion: may cause vomiting, headache and medical problems **Mutagen:** none known
Prolonged or Repeated Exposure: Skin - can cause drying, defatting or dermatitis **Reproductive Toxin:** none known

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
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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