



Material Safety Data Sheet

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Indo 410

Use: Natural Power
 Cleaner/Degreaser

Code: FI410D, P, J

Date of MSDS: December 1, 2017

WHMIS: D2B

TDG: Not Regulated < 454L

HMIS: Health -1 Flammability - 1

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
Linear Alcohol	7-13	68131-39-5	1800 oral rat	not available
Amides, Coco N, N-bis (Hydroxyethyl)	1-5	68603-42-9	2700 oral rat	not available
Dodecylbenzene Sulfonate	1-5	25155-30-0	1260 oral rat	not available

II - PHYSICAL DATA

Physical State: liquid **Viscosity:** slightly viscous **Vapour Pressure:** not available **Oil/Water Factor:** not available
Appearance: clear amber **pH:** 8.50 **Vapour Density:** not available **Evaporation Rate:** as for water
Odour: citrus **Specific Gravity:** 0.994 **Boiling Point (°C):** 95.5 **Odour Threshold:** not available
Freezing Point (°C): not available

III - FIRE AND EXPLOSION DATA

Conditions of Flammability: may be combustible **UFL:** 0.7 (d-Limonene)
Flash Point and Test Method: not available **LFL:** 6.1 (d-Limonene)
Hazardous Combustion Products: oxides of carbon **Auto-Ignition Temperature:** not available
Sensitivity to Static Discharge or Mechanical Impact: not available
Means of Extinction: Dry chemical, carbon dioxide, and alcohol foam. Firefighters should wear self-contained breathing apparatus. Keep away from sources of ignition.

IV - REACTIVITY DATA

Conditions of Chemical Instability: stable **Conditions of Reactivity:** not applicable
Incompatible Substances: not available **Hazardous Decomposition Products:** not available
Storage Requirements: Store in closed containers away from incompatible materials. Keep away from sources of ignition.
 NO SMOKING

V - TOXICOLOGICAL PROPERTIES

Synergistic Materials: none known **Route(s) of Entry:** skin, eyes, ingestion, inhalation
Irritancy of Product: hazardous **Sensitization:** not available
Acute Effects **Chronic Effects**
Eye: irritation, reddening, swelling of tissue **Carcinogen:** none known
Skin: Moderate to high irritation. Potential skin sensitizer. **Teratogen:** none known
Inhalation: nose, throat and respiratory tract irritation, coughing and headache **Mutagen:** none known
Ingestion: can cause vomiting, headache & medical problems **Reproductive Toxin:** none known
Prolonged or Repeated Exposure: Skin - can cause drying, defatting or dermatitis

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 goods before reuse 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. If mist is generated during application process, use disposable mist respirator.

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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