



# Material Safety Data Sheet

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## Indo 410

**Use:** Natural Power  
 Cleaner/Degreaser

**Code:** FI410D, P, J

**Date of MSDS:** December 1, 2014

**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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