

FLEXO Material Safety Data Sheet

Flexo Products Limited 4777 Kent Avenue, Niagara Falls, ON L2H 1J5
Phone: (905) 354-2723 Fax: (905) 354-1301 Web Site: www.flexoproducts.com

Indo 401

Use: Biodegradable Solvent Degreaser

Code: FI401D, P, J

Date of MSDS: December 1, 2014

WHMIS: D2B, B3

TDG: Not Regulated <454L

HMIS: Health -2 Flammability - 2

Reactivity - 0 PPE - B

Emergency Telephone #

CANUTEC 613-996-6666

I - HAZARDOUS INGREDIENTS

Chemical Name	Wt/Wt %	CAS #	LD50 (mg/kg)	LC50
d-Limonene	15-40	5989-27-5	4400 oral rat	not available
Dipropylene Glycol Mono-n-Propyl Ether	60-100	29911-28-2	1480 oral rat	not available

II - PHYSICAL DATA

Physical State: liquid **Viscosity:** water thin **Vapour Pressure:** not available **Oil/Water Factor:** not available
Appearance: clear colourless **pH:** not applicable **Vapour Density:** heavier **Evaporation Rate:** similar
Odour: citrus **Specific Gravity:** 0.900 **Boiling Point (°C):** 138 **Odour Threshold:** not available
Freezing Point (°C): not available

III - FIRE AND EXPLOSION DATA

Conditions of Flammability: Combustible Liquid **UFL:** 0.7 (d-Limonene)
Flash Point and Test Method: 60°C TCC (d-Limonene) **LFL:** 6.1 (d-Limonene)
Sensitivity to Static Discharge or Mechanical Impact: not available **Auto-Ignition Temperature:** not available
Hazardous Combustion Products: oxides of carbon
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:** oxides of carbon when heated
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-moderate **Sensitization:** not available
Acute Effects **Chronic Effects**
Eye: moderate to high irritation **Carcinogen:** none known
Skin: Slight redness. Contains a potential skin sensitizer. **Teratogen:** none known
Inhalation: nose, throat & respiratory tract irritation, coughing & headache **Mutagen:** none known
Ingestion: may 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.

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.

This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.