

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

Product Name: INDO 101
Product Use: Solvent degreaser
WHMIS Class: Class B - Division 3; Combustible Liquid
Class D - Division 2B

HEALTH	2
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	B

T.D.G. Classification:
Not Regulated for Containers Less than 454 Litres.

Manufacturer Name and Address: Kemsol Products Ltd.
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SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS No.	Wt%	ACGIH -TLV	LC ₅₀	LD ₅₀
2-Butoxy ethanol	111-76-2	3-7	20 ppm Skin	926 ppm 4 h, rat	470 mg/kg oral, rat
Heavy aromatic solvent naphtha (petroleum)	64742-94-5	15-40	50 ppm TWA	>3800 mg/m ³ 4 h, rat	3000 mg/kg oral, rat
Alcohol C-10 ethoxylated	26183-52-8	1-5	Not available	Not available	
Fatty acids, coco	61788-47-4	1-5	Not available	Not available	18500 mg/kg oral, rat
Diethanolamine	111-42-2	1-5	2 mg/m ³ Skin	Not available	>710 mg/kg oral, rat
Lauric diethanolamide	120-40-1	1-5	Not available	Not available	2700 mg/kg oral, rat
Polyethylene glycol diester of oleic acid	61791-01-3	1-5	Not available	Not available	Not available
Stoddard solvent	8052-41-3	30-60	100 ppm TWA	>5500 mg/m ³ 4h, rat	>5000 mg/kg oral, rat

SECTION III - PHYSICAL DATA

Boiling Point (deg C): Not available
Vapour Pressure (mm Hg): Not available
Vapour Density (Air = 1): > 1
Solubility in Water: Insoluble
Physical State: Liquid
Appearance and Odour: Clear with hydrocarbon odour

Specific Gravity (H₂O = 1): 0.840
Percent Volatile (Wt %, 1 h @ 105°C): 89
Evaporation Rate (H₂O = 1): Not available
pH (as supplied): Not available
Viscosity: Water thin
Odour Threshold (ppm): Not available

SECTION IV - FIRE AND EXPLOSION DATA

Flammability: Combustible liquid by WHMIS criteria.
Flash Point (deg C, TCC): 54 LEL: 0.8 (Stoddard solvent) UEL: 6.0 (Stoddard solvent)
Hazardous Combustion Products: May include and are not limited to oxides of carbon, oxides of nitrogen.
Means of Extinction: Dry chemical, carbon dioxide and alcohol foam.
Special Fire Hazards: Firefighters should wear self-contained breathing apparatus.

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability: Stable.
Incompatible Materials: Strong oxidizing agents.
Reactivity, and Under What Conditions: Not available.
Hazardous Decomposition Products: May include and are not limited to oxides of carbon, oxides of nitrogen when heated to decomposition.

SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Eye, Skin contact, Skin absorption, Inhalation, Ingestion

EFFECTS OF ACUTE EXPOSURE:

Eye: May cause irritation.

Skin: May cause irritation.

Inhalation (of mist): May cause respiratory tract irritation, coughing and headache. High levels may cause headache, dizziness, nausea, and central nervous system depression.

Ingestion: May cause stomach distress, nausea or vomiting.

EFFECTS OF CHRONIC EXPOSURE:

Skin: Prolonged or repeated exposure can cause drying, defatting and dermatitis. 2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged; may cause blood damage based on published data; these effects have not been observed in humans.

Irritancy: Hazardous by WHMIS criteria.

Respiratory Tract Sensitization: No data available.

Carcinogenicity: Non-hazardous by WHMIS criteria.

Teratogenicity, Mutagenicity, Reproductive Effects: No data available.

Synergistic Materials: Not available.

SECTION VII- PREVENTATIVE MEASURES

Gloves: Neoprene, PVC rubber or butyl. Confirm with reputable supplier first.

Eye Protection: Safety glasses.

Respiratory Protection: Not normally required if good ventilation is maintained.

Other Protective Equipment: As required by employer code.

Engineering Controls: General ventilation normally adequate.

Leak and Spill Procedure: Before attempting cleanup, refer to hazard data given above. Remove sources of ignition. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

Waste Disposal: Review federal, provincial and local government requirements prior to disposal.

Storage and Handling Requirements: Keep out of reach of children. Store in closed container away from incompatible materials. Avoid heat, open flame and other sources of ignition in the use and storage of this product.

SECTION VIII - FIRST AID

Eye: Immediately flush with water. Remove contact lenses, if applicable, and continue rinsing for 15 minutes. Obtain medical attention if irritation persists.

Skin: Immediately flush with cool water for 15 minutes while removing contaminated clothing and shoes. Obtain medical attention if irritation persists. Discard or wash well before reuse.

Inhalation: Move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion: Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Obtain medical attention immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

SECTION IX - PREPARATION INFORMATION

Date: 06/01/09

MSDS Prepared By: Kemsol Products Ltd.

Phone Number: (306) 569-0636

Disclaimer

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-263-8466) or CSST in Montreal, Quebec (514-873-3990).