



## Safety Data Sheet

# Kemsol Indo 101 Oil & Tar Remover

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Kemsol Indo 101 Oil & Tar Remover
<b>Recommended Use</b>	Solvent Degreaser.
<b>Manufacturer/Supplier Identifier</b>	Kemsol Product Ltd., 1120 McDonald St., Regina, SK, S4N 4X3, 306-569-0636, www.kemsol.com
<b>Emergency Phone No.</b>	Canutec, (613) 996-6666, Collect calls accepted or dial 666 on your cellular
<b>SDS No.</b>	1

### SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015).

#### Classification

Flammable liquid - Category 3; Acute toxicity (Oral) - Category 5; Skin irritation - Category 2; Eye irritation - Category 2B

#### Label Elements



#### Warning

Flammable liquid and vapour.

Causes skin and eye irritation.

Wear protective gloves/protective clothing/eye protection/face protection.

IF ON SKIN: Wash with plenty of water.

Take off contaminated clothing and wash it before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

---

Product Identifier: Kemsol Indo 101 Oil & Tar Remover

SDS No.: 1

Date of Preparation: April 06, 2016

Call a POISON CENTRE or doctor if you feel unwell.

Dispose of contents and container in accordance with local, regional, national and international regulations.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Stoddard solvent	8052-41-3	30-60	
Solvent naphtha	64742-94-5	15-40	
2-Butoxyethanol	111-76-2	3-7	
Poly(oxy-1,2-ethanediyl), alpha-decyl-omega-hydroxy-	26183-52-8	1-5	
Diethanolamine	111-42-2	1-5	

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Move to fresh air. Keep at rest in a position comfortable for breathing.

##### Skin Contact

Immediately rinse with lukewarm, gently flowing water for 15-20 minutes. Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts).

##### Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

##### Ingestion

Rinse mouth with water. Drink 1 or 2 glasses of water. Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting.

##### First-aid Comments

Get medical advice or attention if you feel unwell or are concerned.

#### Most Important Symptoms and Effects, Acute and Delayed

Review Section 11 (Toxicological) of this Safety Data Sheet.

#### Immediate Medical Attention and Special Treatment

##### Special Instructions

Treat Symptomatically.

---

Product Identifier: Kemsol Indo 101 Oil & Tar Remover

SDS No.: 1

Page 02 of 08

Date of Preparation: April 06, 2016

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Carbon dioxide, dry chemical powder or appropriate foam.

### Specific Hazards Arising from the Product

See Section 9 (Physical and Chemical Properties) for flash point and explosive limits.

### Special Protective Equipment and Precautions for Fire-fighters

Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway.

### Methods and Materials for Containment and Cleaning Up

Review Section 7 (Handling) of this safety data sheet before proceeding with clean-up. Small spills or leaks: contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. Large spills or leaks: dike spilled product to prevent runoff. Review Section 13 (Disposal Considerations) of this safety data sheet.

### Other Information

Report spills to local health, safety and environmental authorities, as required.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Avoid ignition sources. Wear personal protective equipment to avoid direct contact with this chemical. Prevent accidental contact with incompatible chemicals. Keep containers tightly closed when not in use or empty.

### Conditions for Safe Storage

Separate from incompatible materials (see Section 10: Stability and Reactivity). Store in the original, labelled, shipping container. Comply with all applicable health and safety regulations, fire and building codes.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

---

Product Identifier: Kemsol Indo 101 Oil & Tar Remover

SDS No.: 1

Date of Preparation: April 06, 2016

Page 03 of 08

## Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
2-Butoxyethanol	20 ppm A3		25 ppm Skin			
Solvent naphtha	Not established		400 ppm			
Poly(oxy-1,2-ethanediyl), alpha-decyl-omega-hydroxy-	Not established		Not established			
Stoddard solvent	100 ppm		100 ppm			
Diethanolamine	1 mg/m3 A3		3 ppm			

### Appropriate Engineering Controls

General ventilation is usually adequate.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles.

#### Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

#### Respiratory Protection

Wear a NIOSH approved particulate respirator equipped with an N95, R95, or P95 filter.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Clear liquid.
Odour	Aromatic
Odour Threshold	Not available
pH	11
Initial Boiling Point/Range	Not available
Flash Point	54 °C (closed cup)
Evaporation Rate	Not available
Flammability (solid, gas)	Not available
Upper/Lower Flammability or Explosive Limit	6.0% (Stoddard solvent) (upper); 0.8% (Stoddard solvent) (lower)
Vapour Pressure	Not available

Product Identifier: Kemsol Indo 101 Oil & Tar Remover

SDS No.: 1

Date of Preparation: April 06, 2016

<b>Vapour Density (air = 1)</b>	> 1
<b>Relative Density (water = 1)</b>	0.840
<b>Solubility</b>	Insoluble in water
<b>Auto-ignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	Not available
<b>Other Information</b>	
<b>Physical State</b>	Liquid

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

### Conditions to Avoid

Open flames, sparks, static discharge, heat and other ignition sources.

### Incompatible Materials

Oxidizing agents (e.g. peroxides).

## SECTION 11. TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

### Likely Routes of Exposure

Inhalation; skin contact; skin absorption; eye contact; ingestion.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
2-Butoxyethanol	925 ppm (rat) (4-hour exposure)	530 mg/kg (female rat)	
Solvent naphtha		Not available	
Poly(oxy-1,2-ethanediyl), alpha-decyl-omega-hydroxy-	Not available	Not available	
Stoddard solvent	> 1300 ppm (rat) (4-hour)	> 5000 mg/kg (rat)	

Product Identifier: Kemsol Indo 101 Oil & Tar Remover

SDS No.: 1

Date of Preparation: April 06, 2016

	exposure)		
Diethanolamine	Not available	680 mg/kg (female rat)	

**Skin Corrosion/Irritation**

May cause moderate or severe irritation based on information for closely related materials.

**Serious Eye Damage/Irritation**

May cause serious eye irritation based on information for closely related materials.

**STOT (Specific Target Organ Toxicity) - Single Exposure**

**Inhalation**

May cause nose and throat irritation. Symptoms may include coughing, shortness of breath, difficult breathing and tightness in the chest.

**Skin Absorption**

Prolonged or repeated exposure can cause drying, defatting and dermatitis. (2-Butoxyethanol) 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.

**Ingestion**

May cause irritation of the mouth, throat and stomach. Symptoms may include nausea, vomiting, stomach cramps and diarrhea.

**STOT (Specific Target Organ Toxicity) - Repeated Exposure**

Effects similar to STOT (Specific Target Organ Toxicity) - Single Exposure, as described above.

**Respiratory and/or Skin Sensitization**

No information was located.

**Carcinogenicity**

Chemical Name	IARC	ACGIH®	NTP	OSHA
2-Butoxyethanol	Group 3	A3	Not Listed	Not Listed
Solvent naphtha	Group 3	Not designated	Not Listed	Not Listed
Poly(oxy-1,2-ethanediyl), alpha-decyl-omega-hydroxy-	Not Listed	Not designated	Not Listed	Not Listed
Stoddard solvent	Group 3	Not designated	Not Listed	Not Listed
Diethanolamine	Group 2B	A3	Not Listed	Not Listed

(2-Butoxyethanol) Group 3 – Not classifiable as to its carcinogenicity to humans. A3 – Confirmed animal carcinogen. (Solvent naphtha) Group 3 – Not classifiable as to its carcinogenicity to humans. (Stoddard solvent) Group 3 – Not classifiable as to its carcinogenicity to humans. (Diethanolamine) Group 2B – Possibly carcinogenic to humans. A3 – Confirmed animal carcinogen.

No information was located for: Development of Offspring, Sexual Function and Fertility, Effects on or via Lactation,

Product Identifier: Kemsol Indo 101 Oil & Tar Remover

SDS No.: 1

Date of Preparation: April 06, 2016

## SECTION 12. ECOLOGICAL INFORMATION

Environmental information was not located.

### Ecotoxicity

No data is available on the product itself. It is good practice to prevent releases into the environment.

### Persistence and Degradability

No information was located.

### Bioaccumulative Potential

No information was located.

### Mobility in Soil

No information was located.

### Other Adverse Effects

There is no information available.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations.

## SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations.

**Special Precautions** Please note: Not regulated for containers less than 454 litres.

### Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

#### WHMIS 1988 Classification

B3 - Combustible Liquid; D2B - Toxic (Skin irritant; Eye irritant)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

#### Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

Product Identifier: Kemsol Indo 101 Oil & Tar Remover

SDS No.: 1

Date of Preparation: April 06, 2016

All ingredients are listed on the DSL/NDSL.

**CEPA - National Pollutant Release Inventory (NPRI)**

Part 5. (Stoddard solvent). (Solvent naphtha). (2-Butoxyethanol) Part 1A. (2-Butoxyethanol). (Diethanolamine).

**USA**

**Toxic Substances Control Act (TSCA) Section 8(b)**

Listed on the TSCA Inventory.

**SECTION 16. OTHER INFORMATION**

**NFPA Rating**                      **Health - 2**    **Flammability - 2**    **Instability - 0**

**SDS Prepared By**              Kemsol Products Ltd.

**Phone No.**                        1-800-667-8113

**Date of Preparation**          April 06, 2016

**Key to Abbreviations**      ACGIH® = American Conference of Governmental Industrial Hygienists  
AIHA® = AIHA® Guideline Foundation. HSDB® = Hazardous Substances Data Bank  
IARC = International Agency for Research on Cancer  
NFPA = National Fire Prevention Association  
NIOSH = National Institute for Occupational Safety and Health  
NTP = National Toxicology Program  
OSHA = US Occupational Safety and Health Administration  
RTECS® = Registry of Toxic Effects of Chemical Substances

**References**                      CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).

**Disclaimer**                      Information for this SDS was obtained from sources considered technically accurate and reliable. While every effort has been made to insure 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 GHS/WHMIS 2015. 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.

---

Product Identifier:              Kemsol Indo 101 Oil & Tar Remover

SDS No.:                            1

Page 08 of 08

Date of Preparation:          April 06, 2016