



## INDY FORM EP 165

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	INDY Form EP 165
Description	INDY Form EP 165 is a neat drawing and forming oil.
Validation Date	July 2009

Manufacturer	INDY OIL SA (Pty) Ltd 4-6 Platinum Road Montague Gardens Cape Town South Africa 7435
--------------	---

In Case of Emergency	Tel. +27 (21) 552 2330
	T Potheary +27 83 310 9999

### 2. COMPOSITION

INDY Form EP 165 is blended from solvent refined paraffinic base oils and contains high performance extreme pressure and lubricity additives.

Base Oil content	80-90%
Dialkylpentasulphide	2-3%
Zincdialkyldithiophosphate	1-2%
C14-C17 Chlorinated Paraffin	1-2%

### 3. HAZARDS IDENTIFICATION

Primary hazards and critical effects	No specific hazards under normal conditions.
Health risk	Not clarified as dangerous.
Flammability	Not classified as flammable but will burn.
Environmental hazards	Toxic to aquatic organisms.
Other information	

#### **CAPE TOWN** **HEAD OFFICE**

#### **JOHANNESBURG**

#### **DURBAN**

Tel: 021 552 2330  
Fax: 021 552 2879

Tel: 011 392 3111  
Fax: 011 392 3199

Tel: 032 944 1923  
Fax: 032 944 4449

## MATERIAL SAFETY DATA SHEET – PAGE 2

Eyes	May cause mild irritation.
Skin	Prolonged or repeated contact may lead to dermatitis.
Inhalation	Vapours can produce mucous membrane irritation.
Ingestion	Ingestion may cause gastrointestinal irritation and diarrhoea.

### 4. FIRST AID MEASURES

Inhalation	In the event of dizziness or nausea, remove casualty to fresh air. If symptoms persist, obtain medical attention.
Ingestion	Drink copious quantities of water. Do not induce vomiting.
Skin Contact	Remove contaminated clothing and wash affected skin with soap and water. If irritation persists, obtain medical attention.
Eye Contact	Flush eyes with clean water for at least 15 minutes. Get medical attention if irritation develops.

### 5. FIRE -FIGHTING MEASURES

Use foam or dry chemical powder. Carbon dioxide extinguisher, sand or earth may be used on small fires. Never use a water jet. Use of Halon extinguishers should be avoided for environmental reasons. Breathing apparatus must be worn when approaching fire in a confined space. Toxic gas, fumes or vapours may evolve on burning.

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear impermeable gloves and boots.
Environmental precautions	Prevent from spreading or entering into drains, ditches or rivers. Inform local authorities if this cannot be prevented.
Clean-up methods	Liquid can be contained by making a barrier with sand, earth or other containment material. Reclaim liquid directly or in an absorbent. Dispose of in accordance with local regulations.

### 7. HANDLING AND STORAGE

Use mild steel or high-density polyethylene (HDPE) for containers. Keep container closed. Store in cool place. Prevent spillages.

### 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Occupational Exposure	The control measures appropriate for a particular worksite depends on how this material is used and the extent of exposure. The best protection is to use the product in well ventilated areas.
Personal Protection	If engineering controls and work practices are not effective in controlling this material, then wear suitable personal protection equipment, including safety goggles or face shield, boots, impervious gloves, overalls and breathing apparatus.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance	Clear amber liquid at ambient temperature.
Density at 20C	0.91 kg/l
Flash Point	220°C

#### **CAPE TOWN** **HEAD OFFICE**

#### **JOHANNESBURG**

#### **DURBAN**

Tel: 021 552 2330  
Fax: 021 552 2879

Tel: 011 392 3111  
Fax: 011 392 3199

Tel: 032 944 1923  
Fax: 032 944 4449

## MATERIAL SAFETY DATA SHEET – PAGE 3

Viscosity at 40°C

135-165 cSt

### 10. STABILITY AND REACTIVITY

Stability

The product is stable at standard room temperature and pressure. Polymerisation will not occur.

Materials to avoid  
Conditions to avoid

Strong oxidising agents.  
Extremes of temperatures.

### 11. TOXICOLOGICAL INFORMATION

Toxicological data have not been determined specifically for this product. Information given is based on a knowledge of components of similar products.

Acute exposure

Not considered to be a hazard under normal conditions of use.  
Irritant to eyes.

Chronic

The product is not known to be carcinogenic. Prolonged contact can result in defatting of the skin. This can lead to irritation and possibly dermatitis, especially under conditions of poor hygiene.

### 12. ECOLOGICAL INFORMATION

Ecotoxicological data have not been determined specifically for this product. Information given is based on knowledge of similar products. The product has the potential to bioaccumulate. The product is toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

### 13. DISPOSAL CONSIDERATIONS

Used or waste oil should be disposed of in accordance with prevailing regulations. The competence of the contractor to deal with the product should be established beforehand.

### 14. TRANSPORTATION INFORMATION

It carries a hazards identification number 90 in terms of containing an environmental hazardous substance

### 15. REGULATORY INFORMATION

Toxic to aquatic organisms.

### 16. OTHER INFORMATION

Validated by INDY OIL SA (Pty) Ltd on 15/07/09  
Version 1  
This document does not replace any previous validations.

**CAPE TOWN**  
**HEAD OFFICE**

**JOHANNESBURG**

**DURBAN**

Tel: 021 552 2330  
Fax: 021 552 2879

Tel: 011 392 3111  
Fax: 011 392 3199

Tel: 032 944 1923  
Fax: 032 944 4449