



## INDY FORM EP HEAVY Drawing & Forming Oil

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	INDY Form EP Heavy
Description	INDY Form EP Heavy is drawing and forming oil.
Validation Date	November 2011
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

### 2. COMPOSITION

INDY Form EP Heavy is a inhibited mineral oil, containing extreme pressure additives. Risk phrases R36 and R38 apply.

### 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	
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.

#### CAPE TOWN HEAD OFFICE

Tel: 021 552 2330  
Fax: 021 552 2879

#### JOHANNESBURG

Tel: 011 392 3111  
Fax: 011 392 3199

#### DURBAN

Tel: 032 944 1923  
Fax: 032 944 4449

## 4. FIRST AID MEASURES

Inhalation	In the event of dizziness or nausea, remove patient 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	Dark brown liquid at ambient temperature.
Density at 20C	1.09 kg/l
Flash Point	>170°C
Viscosity at 40°C	110? cSt

## 10. STABILITY AND REACTIVITY

### **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

Stability	The product is stable at standard room temperature and pressure. Polymerisation will not occur.
Materials to avoid	Strong oxidising agents.
Conditions to avoid	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 7/11/2011  
Version 2  
This document replaces 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