



# MATERIAL SAFETY DATA SHEET

## INDY CUT F3

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	INDY Cut F3
Description	INDY Cut F3 is a neat extreme pressure metalworking fluid. It is based on a highly refined mineral oil with fatty extreme pressure additives.
Validation Date	June 2006
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 Cut F3 consists of a blend of highly refined mineral base oils and additives.

### 3. HAZARDS IDENTIFICATION

Primary hazards and critical effects	No specific hazards under normal conditions of use. Prolonged skin contact may cause dermatitis.
Health risk	None known.
Flammability	Not classified as a flammable, but will burn.
Reactivity	Not applicable.

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## 4. FIRST AID MEASURES

Inhalation	In the event of dizziness or nausea, remove the person to fresh air. If symptoms persist, obtain medical attention.
Ingestion	Wash out mouth with water and obtain medical attention. Do not induce vomiting.
Skin Contact	May cause irritation with prolonged contact. Remove contaminated clothing and wash affected skin with soap and water. Obtain medical attention if persistent irritation develops.
Eye Contact	Flush eyes with clean water for at least 15 minutes. Get medical attention if irritation develops.
Advice to Doctor	Treat symptomatically. Dermatitis may result from prolonged or repeated exposure. Aspiration into the lungs may result in chemical pneumonitis.

## 5. FIRE -FIGHTING MEASURES

Combustion will form complex mixture of airborne solids and gases including carbon monoxide, oxides and sulphur as well as unidentified inorganic compounds.	
Extinguishing media	Foam and dry powder. Carbon dioxide, sand or earth may be used on small fires.
Protective equipment	Proper protective equipment, including breathing apparatus must be worn when approaching a fire in confined space.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid skin and eye contact. Wear protective clothing such as gloves, rubber boots and safety glasses or face shield.
Environmental precautions	Prevent entry into sewers and waterways. Contain spill by using sand or earth. Inform local authorities if spill cannot be contained.
Clean-up methods	Liquid can be absorbed on inert material. Sweep up and remove in accordance with local regulations.

## 7. HANDLING AND STORAGE

Keep container closed. Store in cool, well-ventilated place. Avoid strong oxidising agents.

## 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	Liquid
Appearance	Light brown

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Density at 20°C	0.892 kg/l
Vapour Pressure	<0.1 mm Hg
Auto-ignition Temperature	> 320°
Flash Point	> 200°C
Vapour Density (Air = 1)	> 1
Kinematic Viscosity at 40°C	23

## 10. STABILITY AND REACTIVITY

Stability	The product is stable
Materials to avoid	Strong oxidising agents
Conditions to avoid	Extremes of temperatures

## 11. TOXICOLOGICAL INFORMATION

Toxicological data have not been determined specifically for these oils. The information given is based on knowledge of similar products.

Acute toxicity - Oral No data available

- Dermal No data available

- Inhalation Not considered a hazard under normal use

Eye Irritation	Can be slightly irritating
Skin Irritation	Can be slightly irritating upon prolonged exposure.
Respiratory Irritation	If mists are inhaled, slight irritation of the respiratory tract may occur.
Carcinogenicity	Not known to be carcinogenic.
Mutagenicity	Not considered to be a mutagenetic hazard.
Reproductive toxicity	Not considered to be a hazard.

## 12. ECOLOGICAL INFORMATION

This product is liquid under most environmental conditions. It floats on water and if it enters soil, it will be absorbed to soil particles.

Biodegradability The product is not readily biodegradable.

Bioaccumulation Not regarded to bioaccumulate.

Ecotoxicity May cause physical fouling of aquatic organisms though product is non-toxic.

## 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with prevailing regulations through a recognised collector or contractor. Do not pollute soil, sewage or waterways with waste product.

## 14. TRANSPORTATION INFORMATION

INDY Cut F3 is not regulated and no special transportation requirements exist.

## 15. REGULATORY INFORMATION

None of the components are classified in terms of RSA regulation

## 16. OTHER INFORMATION

Validated by INDY OIL SA (Pty) Ltd on 23/06/2006  
Version 2

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