



MATERIAL SAFETY DATA SHEET

INDY GREASE EP00

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	INDY Grease EP00
Description	INDY Grease EP00 is a high quality, multipurpose lithium-based grease made from solvent refined mineral oils and incorporating a multifunctional extreme pressure additive as well as corrosion and oxidation inhibitors. It is resistant to water and high-temperature steam and suitable for operating temperatures between -25°C and 130°C.
Validation Date	June 2013
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

Description: mineral oil, lithium soap, extreme pressure and anti-wear additives and corrosion inhibitors

Hazard(ous) ingredient(s):

CAS-No.:	Amount:	Name:	Hazard(ous) symbol(s):	R-phrase
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Hazard(ous) impurity(ies):	none
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3. HAZARDS IDENTIFICATION

Hazard designation none

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4. FIRST AID MEASURES

General information: If symptoms persist, call a doctor

On inhalation: In case of irritation of the airways, seek medical advice. Provide with fresh air.

On contact with skin: Wash off subsequently with: Soap and water.

On contact with the eyes: On contact with the eyes, rinse thoroughly with plenty of water and seek medical advice

If swallowed: Rinse mouth out thoroughly with water. Administer plenty of water in small sips (dilution effect).

Self-protection of first-aider: Note precautions for self-protection of first-aider.

5. FIRE -FIGHTING MEASURES

Suitable extinguishing media: Foam, Dry powder, Carbon dioxide, Water spray jet

Extinguishing media which must not be used for safety reasons: Full water jet

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:

Substances potentially set free in case of fire: Carbon monoxide, Carbon dioxide

Traces of other toxic substances can not be excluded.

Special protective equipment for fire-fighting:

To use for fire – fighting: Protective clothing, Rubber boots

Additional information: Contaminated fire-fighting water must not be discharged into the drainage system.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Keep people away and stay on the upwind side. Use personal protective clothing.

Environmental precautions: none

Methods for cleaning up / taking up: Clean contaminated floors and objects thoroughly observing environmental regulations.

Suitable material for picking up: Organic absorbent material, Universal binder, Sawdust.

7. HANDLING AND STORAGE

Handling: Avoid eye contact.

Hints for protection against fire and explosion: Product is poor flammable.

Storage: Do not store together with oxidizing agents.
Store only in original container.

9. PHYSICAL AND CHEMICAL PROPERTIES

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Form	Grease	pH-value at 5g/l in water	n.a.
Colour	brown	Flash point	> 200°C
Odour	typical	Decomposition temperature	> 250°C
Pour point	< -10°C		
Density at 20°C	0.89 g/cm ³		
Penetration at 25°C	400 - 430 1/10mm		
Water solubility	Not soluble		
Fat solubility	soluble		

10. STABILITY AND REACTIVITY

No hazardous decomposition products if stored and handled as prescribed.
No decomposition if used as prescribed.

11. TOXICOLOGICAL INFORMATION

Toxicity tests: LD 50 rat > 5000 mg/kg

General remarks: Based on the individual components

12. ECOLOGICAL INFORMATION

Degradation potential: parts of the components are biodegradable.

Further ecological information: Do not discharge product into the environment without control

13. DISPOSAL CONSIDERATIONS

Disposal / Waste (product): Disposal in accordance with local laws

List of proposed waste codes/waste designations in accordance with EWC:

EAK 12 01 12

Packages: Contaminated packages must be completely emptied and may be reused after proper cleaning.

14. TRANSPORTATION INFORMATION

Land transport (ADR/GGVS, RID/GGVE): No hazardous material as defined by the transport regulations.

Inland waterway craft: No hazardous material as defined by the transport regulations.

Marine transport (IMDG): No hazardous material as defined by the transport regulations.

Air transport ICAO/IATA: No hazardous material as defined by the transport regulations.

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15. REGULATORY INFORMATION

Labelling

Hazard(ous) symbol(s) and indication(s) of danger for dangerous substances and preparations: **none**

R-phrases:

S-phrases:

Water hazard class (WGK): 1 (slightly water hazardous)

16. OTHER INFORMATION

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