



MATERIAL SAFETY DATA SHEET

INDY HRG GREASE Hexane Resistant Grease

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	INDY HRG Grease
Description	INDY HRG Grease is a Hexane resistant grease.
Validation Date	February 2012
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 HRG Grease is specially formulated grease, made from a blend of synthetic fluids and selective additives, with special solvent-resistant characteristics. Risk phrases R46 and R48 may apply.

3. HAZARDS IDENTIFICATION

No specific hazards under normal operating conditions. Prolonged or repeated exposure may give rise to dermatitis.	
Flammability	Not classified as a flammable, but will burn.
Reactivity	Not applicable.

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

Not expected to give rise to an acute hazard under normal conditions of use	
Inhalation	Not expected to be a problem.
Ingestion	Seek medical attention. If medical attention will be delayed, induce vomiting with syrup of ipecac followed by ½ to 1 full glass of water. If syrup is not available, induce vomiting by placing finger down the throat. Do not induce vomiting or give anything by mouth to an unconscious patient.
Skin Contact	Dry-wipe the skin. Cleanse the area with waterless hand cleaner, and follow by washing thoroughly with soap and water.
Eye Contact	Flush thoroughly with water. If irritation occurs, call doctor.
Advice to Doctor	Treat symptomatically. Aspiration into the lungs may result in chemical pneumonitis. Dermatitis may result from prolonged or repeated exposure.

5. FIRE -FIGHTING MEASURES

Combustion is likely to give rise to a complex mixture of airborne solid and liquid particles and gases, including carbon monoxide and unidentified organic and inorganic compounds.	
Extinguishing media	Foam and dry powder or carbon dioxide. Sand or earth may be used for small fires. Do not use water jet or halon extinguishers.
Protective equipment	Proper protective equipment must be worn when approaching a fire in confined space.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid skin and eye contact.
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	Can be absorbed on inert material, sand or sawdust. Sweep up and remove in accordance with local regulations.

7. HANDLING AND STORAGE

Use reasonable care when handling this product. Store away from strong oxidizing agents or combustible materials. Keep in a cool, dry, well-ventilated place.

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.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Grease
Appearance	Beige
Density at 20°C	0.898 kg/l
Flash Point	> 210°C
Solubility in water	Partially miscible in water

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 this product. Information given is based on knowledge of the components and the toxicology of similar products.

Acute Toxicity – Oral	LD50 expected to be >2000 mg/kg
Dermal	LD50 expected to be >2000 mg/kg
Inhalation	Not considered to be an inhalation hazard under normal operating conditions.
Eye Irritation	Slightly irritating
Skin Irritation	Slightly irritating
Respiratory Irritation	If vapours are inhaled, slight irritation of the respiratory tract may occur.
Carcinogenicity	The product is based on mineral oils of types shown to be non-carcinogenic.

12. ECOLOGICAL INFORMATION

Eco toxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar products.

Mobility	Semi-solid under normal operating conditions. The product will float on water.
Degradability	Not expected to be readily biodegradable.
Bioaccumulation	Contains components with the potential to bio accumulate.

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

Not regulated and no special transportation requirements exist.

15. REGULATORY INFORMATION

None of the components are classified in terms of RSA regulation

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

16. OTHER INFORMATION

Validated by INDY OIL SA (Pty) Ltd on 13/02/2012

Version 1

This document does not replace prior documents

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