



MATERIAL SAFETY DATA SHEET

INDY SUPER HIGH TEMPERATURE GREASE

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Description	INDY Super High Temperature Grease INDY SUPER HIGH TEMPERATURE GRAPHITE GREASE is a Bentonite-clay thickened, high temperature grease for industrial equipment where the capability of conventional greases may be exceeded by either continuous high temperature or cyclic conditions ranging from normal to extremely high temperatures. This product contains synthetic fluids and lubricating solids, which provide lubrication at temperatures where the oil breaks down.
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

Chemical Names and Synonyms:
Petroleum Hydrocarbon
Ingredients Considered Hazardous to Health:

Substance Name	Wt%
Solvent Extract	59
Thickener /Additives	41

3. HAZARDS IDENTIFICATION

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US OSHA Hazard Communication Standard: Product assessed in accordance with OSHA 29 CFR 1910.1200 and determined not to be hazardous.

Effects of Overexposure: Note: Keep good personal hygiene and avoid prolonged exposure.

Emergency Response Data:

High Temperature Lubricant

4. FIRST AID MEASURES

Eyes Contact:

Flush thoroughly with water. If irritation occurs, call doctor.

Skin Contact:

Dry-wipe the skin. Cleanse the area with waterless hand cleaner, and follow by washing thoroughly with soap and water.

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.

5. FIRE -FIGHTING MEASURES

Extinguishing media:

Carbon dioxide, foam, dry chemical.

Special fire-fighting procedures:

Water or foam may cause frothing. Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

Special protective equipment:

For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.

Unusual fire and explosion hazards:

Avoid ingestion sources.

Flash Point C: >204 (ASTM D-92) Flammable limits - LEL: NA, UEL: NA

NFPA hazard ID:

Health: 0

Flammability: 1

Reactivity: 0

Hazardous decomposition products:

Carbon dioxide Carbon monoxide

6. ACCIDENTAL RELEASE MEASURES

Notification procedures:

Report spill as required to appropriate authorities.

Procedures if the material is released or spilled:

Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.

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Environmental precautions:

Prevent spills from entering storm sewers or drains and contact with soil.

Personal precautions:

See section 8

7. HANDLING AND STORAGE

Handling:

No special precautions are necessary beyond normal good hygiene practices.

Storage:

Do not store in open or unlabelled containers. Store away from strong oxidizing agents or combustible materials.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Ventilation:

No special requirements under ordinary conditions of use and with adequate ventilation.

Respiratory protection:

No special requirements under ordinary conditions of use and with adequate ventilation.

Eye protection:

Normal industrial eye protection when handling liquids should be worn.

Skin protection:

Use chemical-resistant apron and/or other clothing to avoid contact.

Occupational exposure limits:

Substance Name (CAS-No.)	Source	LTEL ppm mg/m3	STEL ppm mg/m3	NOTE
Solvent Extract (8052-42-4)	ACGIH	5		

Note: Limits shown for guidance only. Follow applicable regulations.
Threshold limit value: 10.00 mg/m3

9. PHYSICAL AND CHEMICAL PROPERTIES

Typical physical characteristics are given below.

Appearance:	Black Paste
Color:	Black
Odor:	Mild
pH:	NA
Boiling point 0C:	NA
Flash point:	NA
Flammability:	NA
Auto flammability:	NE
Explosive properties:	NA
Oxidizing properties:	NA
Vapor pressure mmHg 200C:	<0.1
Density 20 0C:	1.0986
Solubility in water:	Negligible

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NA= Not applicable, NE= Not established, D= Decomposes

For further technical information, contact your marketing representative.

10. TOXICOLOGICAL INFORMATION

Acute toxicology:

•Oral toxicity (rats):

Practically non toxic (LD50: greater than 2000mg/kg). Based on testing of similar products and/or the components.

•Dermal toxicity (rabbits):

Practically non toxic (LD50: grater than 2000 mg/kg). Based on testing of similar products and /or the components.

•Inhalation toxicity (rats):

Not established.

•Eye irritation (rabbits):

Practically non irritating.

Based on testing of similar products and/or the components.

•Skin irritation (rabbits):

Practically non irritating.

Based on testing of similar products and/or the components.

11. ECOLOGICAL INFORMATION

Environmental fate and effects:

Not established.

12. DISPOSAL CONSIDERATIONS

Waste disposal:

Dispose of waste at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.

13. TRANSPORTATION INFORMATION

USA DOT:

Not regulatory

IMO:

Not regulated by IMO.

IATA:

Not regulated by IATA.

14. REGULATORY INFORMATION

U.S. Superfund Amendments and Regulations

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MATERIAL SAFETY DATA SHEET – PAGE 5

This product contains NO “Extremely Hazardous Substances”

This product contains no chemical reportable under SARA (313) Toxic release program.

The following product ingredients are cited on the list below:

Chemical name :	CAS Number:	List Citations:
Paraffinic Extract	64742-04-7	7, 17

Regulatory List Searched:

1 = ACGIH ALL	11 = TSCA 4
2 = ACGIH A1	12 = TSCA 5a2
3 = ACGIH A2	13 = TSCA 5e
4 = NTP	14 = TSCA 6
5 = NTP A	15 = TSCA 12b
6 = IAC 1	16 = CA P65
7 = IAC 2A	17 = CA RTK
8 = IAR 2B	18 = FL RTK
9 = OSHA	19 = IL RTK
10 = OSHA Z	20 = LA RTK

Code Key: CARC = Carcinogen
SUS = Suspected Carcinogen

15. OTHER INFORMATION

Use: Dry Lubricant

Ingredient:	Percent:	CAS Number:
Solvent Extract	59	64742-04-7
Thickener / Additives	41	61516-01-6

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