

# Material Safety Data Sheet

CS: 1.4.22

Page: 1 of 4

Infosafe No™ LPXP2	Issue Date :October 2008	ISSUED by PENRITEO	CS: 1.4.22
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Product Name : **INDGREASE BM3**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	INDGREASE BM3
Product Code	IGRBM3
Company Name	PENRITE OIL COMPANY P/L (ABN 25005 001 525)
Address	88 Lewis Road Wantirna South Victoria 3152 Australia
Emergency Tel.	03 9801 0877 B.H
Telephone/Fax Number	Tel: 03 9801 0877
Recommended Use	Heavy duty construction grease

## 2. HAZARDS IDENTIFICATION

Hazard Classification	NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. Hazard classification according to the criteria of NOHSC. Dangerous goods classification according to the Australia Dangerous Goods Code.
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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition, information on ingredients	Clay grease with molybdenum disulphide
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Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Ingredients determined not to be hazardous	Not required	-

## 4. FIRST AID MEASURES

Inhalation	If inhaled, remove affected person from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention.
Ingestion	Do NOT induce vomiting. Wash out mouth with water. If symptoms develop seek medical attention.
Skin	Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention. High pressure injection of grease under the skin may result in serious injury. Seek medical attention at once.
Eye	If in eyes, hold eyelids apart and flush the eyes immediately with running water. Continue flushing for several minutes until all contaminants are washed off completely. Seek medical attention.
First Aid Facilities	Eye wash and normal washroom facilities.
Advice to Doctor	Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use water fog, foam, dry chemical or carbon dioxide.
Hazards from Combustion Products	Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide, and carbon dioxide.
Specific Hazards	Combustible material.
Precautions in connection with Fire	Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

## 6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Wear appropriate personal protective equipment and clothing to minimise exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Spillage may be slippery. Place inert, absorbent
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CS: 1.4.22

Page: 2 of 4

Infosafe No™ LPXP2	Issue Date :October 2008	ISSUED by PENRITEO	CS: 1.4.22
--------------------	--------------------------	--------------------	------------

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material onto spillage or use hand pump to pick material up. Use clean tools to collect the material and place into suitable labelled containers for the subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water authorities and EPA in accordance with local regulations.

## 7. HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	Use in a well ventilated area. Practice good personal hygiene, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities.
<b>Conditions for Safe Storage</b>	Store in a cool, dry, well-ventilated area away from heat. Keep containers closed when not in use and securely sealed and protected against physical damage.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>National Exposure Standards</b>	No exposure standards have been established for this material.
<b>Biological Limit Values</b>	No biological limit allocated.
<b>Engineering Controls</b>	Use with good general ventilation.
<b>Respiratory Protection</b>	Respiratory protection not generally required. Where ventilation is inadequate and systems ineffective in controlling airborne exposure then an approved respirator with a filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.
<b>Eye Protection</b>	Under general conditions not required. If there is a risk of splashing, suitable eye protection as appropriate recommended, conforming with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
<b>Hand Protection</b>	Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
<b>Body Protection</b>	Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Black paste
<b>Odour</b>	Perceptible odour
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Solubility in Water</b>	Insoluble
<b>pH Value</b>	Not applicable
<b>Vapour Pressure</b>	Not applicable
<b>Vapour Density (Air=1)</b>	Not applicable
<b>Dropping Point</b>	Non melt
<b>Density</b>	Not available
<b>Flash Point</b>	Not available
<b>Flammability</b>	Combustible material
<b>Flammable Limits - Lower</b>	Not available

# Material Safety Data Sheet

CS: 1.4.22

Page: 3 of 4

Infosafe No™ LPXP2	Issue Date :October 2008	ISSUED by PENRITEO	CS: 1.4.22
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<b>Flammable Limits - Upper</b>	Not available
<b>Other Information</b>	National Lubrication Grease Institute Grade: 3 Operating range: -20 to 200°C

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions of storage and handling.
<b>Conditions to Avoid</b>	Flames
<b>Incompatible Materials</b>	Strong oxidising agents and strong acids
<b>Hazardous Decomposition Products</b>	Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide and carbon dioxide.
<b>Hazardous Polymerization</b>	Will not occur.

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicology Information</b>	No toxicology data available for this specific product.
<b>Inhalation</b>	Inhalation of product vapours may cause irritation of the throat with a feeling of tightness in the chest.
<b>Ingestion</b>	Ingestion of this product may irritate the gastric tract.
<b>Skin</b>	May cause redness, itching and irritation. Injection of grease under the skin may result in serious injury.
<b>Eye</b>	May cause eye irritation, tearing and redness.
<b>Chronic Effects</b>	Not available

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Negligible ecotoxicity
<b>Persistence / Degradability</b>	Biodegradable
<b>Mobility</b>	Insoluble in water.
<b>Bioaccumulative Potential</b>	No bioaccumulation potential
<b>Environ. Protection</b>	Do not allow product to enter drains, waterways or sewers.

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal Considerations</b>	The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.
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## 14. TRANSPORT INFORMATION

<b>Transport Information</b>	Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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## 15. REGULATORY INFORMATION

<b>Regulatory Information</b>	Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia. Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).
<b>Poisons Schedule</b>	Not Scheduled

## 16. OTHER INFORMATION

<b>Date of preparation or last revision of MSDS</b>	MSDS Prepared: October 2008
<b>Contact Person/Point</b>	TITLE: Technical and Marketing Director TELEPHONE NUMBER: 03 9801 0877 B.H

# Material Safety Data Sheet

CS: 1.4.22

Page: 4 of 4

Infosafe No™ LPXP2	Issue Date :October 2008	ISSUED by PENRITEO	CS: 1.4.22
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