



Safety Data Sheet

1. MATERIAL AND SUPPLIER IDENTIFICATION

| | |
|-----------------------------------|--|
| Product Name | Black Tak Grease |
| Product Code | 40052 (205L), 46052 (60L), 42052 (20L), 40452 (450g) |
| Product Use | High temperature molybdenum based grease |
| Company Name | Gulf Western Oil |
| Company Address | 92 – 96 Links Rd St Marys NSW 2760 Australia |
| Telephone number / Fax | (02) 9673 9600 (phone) (02) 9673 9696 (fax) |
| Emergency Telephone number | (02) 9673 9600 (business hours only) |
| Other Information | Not applicable |

2. HAZARDS IDENTIFICATION

Classification

Classified as NOT HAZARDOUS according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including the criteria of Worksafe Australia.

Signal Word: Not applicable (non-hazardous)

Symbol(s): Not applicable (non-hazardous)

Hazard Statements: Not applicable. No known significant effects or critical hazards.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Composition information

| INGREDIENT NAME | CAS NO. | WEIGHT |
|---|------------------------------|----------|
| Petroleum oils, solvent-dewaxed | 64742-62-7 and 64742-65-0 | 60 – 80% |
| Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, Zn salts | 68649-42-3 | 1 – 5% |
| Molybdenum Disulphide | 1317-33-5 | 5% |
| Materials classified as non-hazardous | - | 0 – 10% |



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4. FIRST AID MEASURES

Inhaled

Remove the affected person from the contaminated area to fresh air. If breathing difficulties persist seek medical attention. If not breathing apply artificial respiration and seek urgent medical advice.

Ingestion

If swallowed, do not induce vomiting. Immediately wash out mouth with water. Seek medical attention.

Skin

Remove contaminated clothing and wash skin thoroughly with soap and water. If irritation develops and persists seek medical attention.

Eye

If contact occurs, wash with running water for 15 minutes, holding eyelids open. If irritation develops and persists seek medical attention.

First Aid Facilities

Eye wash and normal washroom facilities.

Advice to Doctor

Treat symptomatically. NOTE: High Pressure Applications: Injections under the skin resulting from contact with high pressure constitutes a major medical emergency. Injuries may not appear serious at first but within a few hours tissue becomes swollen, discoloured and extremely painful with extensive subcutaneous necrosis. Surgical exploration should be undertaken without delay. Thorough and extensive debridement of the wound and underlying tissue is necessary to minimize tissue loss and prevent or limit permanent damage. Note that high pressure may force the product considerable distance along tissue.

5. FIRE FIGHTING MEASURES

Extinguishing Media

Combustible liquid. Water extinguishers can be used if componentry is alight.

Specific Hazards

None.

Hazardous Combustion Products

During combustion this product may emit toxic and or / irritating fumes including oxides of carbon (carbon dioxide and carbon monoxide).

Precautions

Self contained breathing apparatus and chemical resistant clothing should be worn to minimize exposure.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

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Minimise skin contact.

Precautions To Protect The Environment

Keep product out of sewers and watercourses by isolating or compounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. Assure conformity with applicable government regulations.

Spill Clean up Procedures

Avoid contact with eyes or skin. Place leaking containers in well ventilated area. Contain spill to minimize contaminated area and facilitate salvage or disposal. To clean up spill, use absorbent material. Avoid discharge to natural waterways.

7. HANDLING AND STORAGE

Corrosiveness

Not corrosive.

Handling

Do not reuse container. Keep lid closed when not in use. Do not store or mix with strong oxidizers. Avoid spilling.

Storage

Store in a well ventilated place away from ignition sources, acids, oxidizing agents, food stuffs and clothing. Keep containers closed when not in use. Protect against physical damage and check regularly for leaks.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

Worksafe exposure standard:-

Time Weighted Average (TWA) 5mg/m³ (oil mist)

Short Term Exposure Limit (STEL) 10mg/m³ (oil mist)

Respiratory Protection

Avoid breathing vapours or mists. Where ventilation is inadequate and vapours or mists are generated the use of an approved respirator with organic vapour/particulate filter complying with AS/NZS 1715 and AS/NZS 1716 is recommended.

Eye Protection

Wear splash proof eye goggles to prevent any possibility of eye contact.

Hand Protection

Wear gloves of impervious material.

Body Protection

Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated.

Engineering controls



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Natural ventilation should be sufficient, however where vapours or mists are generated (either through confinement or elevated temperatures) the use of a local exhaust system is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

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|---------------------------------|--------------------------------------|
| Appearance / Description | Grey / black tacky grease |
| Boiling Point | Not determined |
| Solubility in Water | Insoluble |
| Specific Gravity | 0.90 g/mL |
| pH | Not applicable |
| Viscosity | Not applicable |
| Flash Point | Typically 232°C (Cleveland Open cup) |
| Flammability | C2 Combustible liquid |

10. STABILITY AND REACTIVITY

Stability

Stable under normal conditions.

Hazardous Polymerization

Will not occur.

Materials to Avoid

Strong oxidizing agents.

Hazardous Decomposition Products

Thermal decomposition and combustion produce noxious fumes containing oxides of carbon (carbon dioxide and carbon monoxide).

Hazardous Reaction

Hazardous reaction with strong oxidizing agents

Conditions to Avoid

Direct sunlight or excessive heat. Avoid contact with acids and oxidizing substances.

11. TOXICOLOGICAL INFORMATION

Toxicological Information

No toxicity data is available for this material. Data available on the individual components show that no chronic health risks are expected during normal handling.



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Inhalation

May cause irritation to the mucous membrane and upper airways when material is heated and used in poorly ventilated areas. Symptoms may include headache, dizziness and nausea.

Ingestion

May cause irritation of the gastrointestinal system. Symptoms may include nausea, vomiting and diarrhoea.

Skin

May cause irritation on contact with the skin, which may result in redness and/or itchiness, possibly leading to dermatitis.

Eye

May cause eye irritation, resulting in redness, stinging and lachrymation.

Chronic Effects

Prolonged or repeated contact with this material may result in skin irritation leading to dermatitis.

12. ECOLOGICAL INFORMATION

No ecological data is available for this material.

Environmental Protection

Prevent this material from entering the environment

Ecotoxicity

No data is available for this specific product.

Persistence / Degradability

No data is available for this specific product.

Mobility

No data is available for this specific product.

Bioaccumulation

No data is available for this specific product.

13. DISPOSAL CONSIDERATIONS

Contain the spill with sand or earth or absorb with absorbent material. Collect the material and place into a suitably sealed and labeled container. Do not allow the product to enter drains, sewers or water courses. If large quantities of this material enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority. Recycle container if authorities permit it and facilities are available.

14. TRANSPORT INFORMATION

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

Poisons Schedule

Not scheduled according to the Standard for Uniform Scheduling of Medicines and Poisons

Australian Inventory of Chemical Substances (AICS) and New Zealand Inventory of Chemicals (NZIoC)

All individual components are registered on the Australian and New Zealand Inventory of Chemical Substances

16. OTHER INFORMATION

Contact Person

For information concerning details on this Safety Data Sheet contact the Technical Manager on the following number:

(02) 9673 9600 (business hours)

0417 244 439 (after hours)

General Disclaimer

All reasonable care has been taken to ensure that the information and advice contained herein are accurate at the time of printing. Gulf Western Oil however accepts no liability for any loss or damages suffered as a consequence of reliance on the information and advice contained herein.

History

This Safety Data Sheet prepared in February 2017