



SAFETY DATA SHEET

HTB GREASE

Version 3.0

Date of Issue: 28.2.2017

Section 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name HTB Grease
Product Code K17102 & K17103
Product Uses High Temperature Grease
Company Name Lubrimaxx Pty Ltd (ABN 2500 685 0415)
Address 30 Spencer St, Sunshine West, VIC 3020
Telephone Number (03) 9300 6900
Fax Number (03) 9312 3239
Emergency Tel. Australia- 1 300 72300
Malaysia- + 603 55112346
Internet Website: www.lubrimaxx.com

Section 2. HAZARDS IDENTIFICATION

Classification of the hazardous chemical:

GHS Classification hazard class and category: Under the model work Health and Safety Regulations, the product would not be classified as hazardous

GHS element, including precautionary statements

Symbol: Not applicable

Signal word: Not applicable

Hazard Statement: Not applicable

Precautionary Statement:

Prevention: Not applicable

Response: Not applicable

Storage: Not applicable

Disposal: Not applicable

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Name	CAS Number	Proportion (%)
Highly refined petroleum oils	N/A	~85
Lithium Complex grease		
Thickener	N/A	~10
Additives	N/A	~5
Other ingredient	N/A	To 100



SAFETY DATA SHEET

HTB GREASE

Version 3.0

Date of Issue: 28.2.2017

Note: Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication “List of Designated Hazardous Substances” or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication “Approved Criteria for Classifying Hazardous Substances”, or have been found NOT to meet the criteria of a dangerous substance as defined in the GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS) , 4th edition United Nations 2011.

Listed ingredients may be below the cut-off concentrations for classification as hazardous, but are listed for information purposes and for additive effects.

Section 4. FIRST AID MEASURES

Description of necessary first aid measures

Inhalation: Remove the source of contamination, vapor, dust, spray or fumes or move the victim to fresh air. Obtain medical attention if symptoms occur

Ingestion: Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth thoroughly with water immediately. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek urgent medical advice (e.g. doctor).

Skin contact: Wash affected area thoroughly with soap and water. Immediately remove contaminated. If symptoms develop seek medical attention.

Eye contact: Immediately wash with copious amounts of water for at least 15 minutes. If symptoms persist seek medical attention.

First Aid Facilities: Eye wash and normal wash room facilities.

Advice to Doctor: Treat symptomatically. All treatments should be based on observed signs and symptoms of distress of the patient. Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons.

Section 5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use water spray, dry chemical, foam, or carbon dioxide. Water or foam may cause frothing.

Hazards from Combustion Products: Depending on combustion conditions, a complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, sulphur oxides, phosphorus oxides and metal oxides will be evolved when this material undergoes combustion.

Special Protective Equipment: Fire-fighters should wear full protective clothing and self



SAFETY DATA SHEET

HTB GREASE

Version 3.0

Date of Issue: 28.2.2017

contained breathing apparatus (SCBA) in case of fire.

Section 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Non-emergency personnel: Wear appropriate protective equipment as in section 8 below to prevent skin and eye contamination. Remove of ignition sources and provision of sufficient ventilation.

Emergency Procedures: Personnel involved in clean up required to wear appropriate personal protective equipment and clothing to minimize exposure.

Environmental precaution: Isolate the spillage and prevent the material to enter drains, sewers, waterways and soil. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

Method and materials for containment and cleaning up: Minor spills do not normally need any special clean-up measures. In the event of a major spill, prevent spillage from entering drains or water courses. Spilt material may result in a slip hazard and should be absorbed into dry, inert material (e.g. sand, earth or vermiculite), which then can be put into appropriately labelled drums for disposal by an approved agent according to local conditions.

Section 7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with the product by using appropriate protective equipment such as gloves, glasses or goggles and full-length clothing. Prevent small spills and leakage to avoid slip hazards. Properly dispose of any contaminated rags or cleaning materials in order to prevent fire hazards. Eating, drinking, and smoking should be prohibited in the area where this material is handled, stored and processed. Workers should follow good personal hygiene practices, such as washing hands before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Keep containers tightly closed when not in use. Prevent product from entering waterways, drains or sewers.

Conditions for Safe Storage: Store in a cool, dry well-ventilated area away from heat, sources of ignition, oxidising agents, foodstuffs, and clothing and out of direct sunlight.

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards: The TWA National Occupational Health And Safety Commission (NOHSC) exposure standard for oil mist is 5 mg/m³. As with all chemicals, exposure should be kept to the lowest possible levels.



SAFETY DATA SHEET

HTB GREASE

Version 3.0

Date of Issue: 28.2.2017

Engineering Controls: Use only in well ventilated areas.

Eye Protection: Avoid contact with the eyes. Wear safety glasses or face shield to avoid eye contact or splashing.

Hand Protection: Avoid contact with skin. Impervious gloves recommended. Wear suitable protective clothing.

Body Protection: Not normally required. Where splashing is possible suitable work wear should be worn to protect personal clothing.

Respiratory protection: Do not breathe dust, fumes or vapor. Use approved respirator when exposed to concentration above the exposure limit.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Blue color tacky grease
Specific Gravity	0.90 typical
Viscosity at 40 Deg ^o C	680 cSt
Viscosity at 100 Deg ^o C	28.3 cSt
Dropping Point	270 Deg ^o C
Melting Point	Greater than 180 ^o C
Flash point	Greater than 240 ^o C
pH Value	N/A
Flammability	N/A
Auto ignition temperature	N/A
Flammable limits	N/A
Solubility in water	Not soluble
Biodegradability	Not classified as biodegradable

Section 10. STABILITY AND REACTIVITY

Reactivity: No dangerous reaction known under conditions of normal use

Chemical Stability: Stable under normal conditions of storage and handling.

Possibility of hazardous reactions: None under normal processing

Conditions to avoid: Heat, strong oxidizers, open flames or other sources of ignition.

Materials to avoid: No data available

Hazardous decomposition products: Hazardous decomposition products are not expected to form during normal storage requirements. See Section 5 for hazardous combustion products.

11. TOXICOLOGICAL INFORMATION

Information on the likely routes of exposures



SAFETY DATA SHEET

HTB GREASE

Version 3.0

Date of Issue: 28.2.2017

Skin exposure: No irritant effect.

Eye exposure: No irritant effect.

Delayed and immediate effects and also chronic effects from short and long term exposure

Acute toxicity: N/A

Skin corrosion/irritation : N/A.

Serious eye damage/ eye irritation : N/A

Respiratory/Skin sensitization : N/A

Carcinogenicity: N/A

Germ cell mutagenicity : N/A

Reproductive toxicity : N/A

Specific target organ toxicity single exposure : N/A

Specific target organ toxicity repeated exposure : N/A

Aspiration hazard : N/A

Section 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

TOXICITY : This product is not expected to be harmful to aquatic organisms.

PERSISTENCE AND DEGRADABILITY : No data available however this product is not readily biodegradable

BIOACCUMULATION POTENTIAL : This product is not expected to bioaccumulate through food chains in the environment..

MOBILITY IN SOIL : A component of this product has low solubility, floats and is expected to migrate from water to land.

Section 13. DISPOSAL CONSIDERATIONS

Disposal method:

PRODUCT: The product should not be released to the environment, so any unused material should be recycled wherever possible or be disposed of as hazardous waste at an appropriate collection depot. If this is not possible, the product is suitable for burning in an enclosed burner where it can be used as a fuel source. The product is also suitable for incineration at very high temperatures to prevent formation of undesirable combustion products. Spilled product that cannot be recovered should be absorbed and then shovelled



SAFETY DATA SHEET

HTB GREASE

Version 3.0

Date of Issue: 28.2.2017

into a suitable drum. Follow Government regulations for disposal of such waste. Do not mix new or used lubricating oils taken for recycling or disposal by suitably licensed contractors in accordance with Government regulations.

CONTAINERS: Empty containers may contain residual oil. They should be completely drained and then stored until reconditioned or disposed of. Empty drums should be taken for recycling or disposal through suitably licensed contractors in accordance with Government regulations. Where the containers are of metal construction they should not be pressurised, cut by a grinder, welded, brazed, soldered, drilled or exposed to heat, flames or other sources of ignition. Closed metal containers when exposed to such conditions/treatment may explode causing serious injury or death.

Section 14. TRANSPORT INFORMATION

Not classified as Dangerous Goods by Road, Rail and Sea.

IATA: Not regulated

IMDG: Not regulated

U.N Number Not Available

U.N Proper Shipping Name Not available

Class Not available

Subsidiary Risk Not available

Packing Group Not available

Marine Pollutant No

Hazchem Code Not available

Transport information: Not classified as Dangerous Goods according to Australian Code for the Transport of Dangerous Goods by Road, Rail and Sea.

Section 15. REGULATORY INFORMATION

Poisons Schedule: Not scheduled

Section 16. OTHER INFORMATION

Abbreviations and acronyms

ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail.

AICS: Australian Inventory of Chemical Substances.

CAS Number: Chemical Abstracts Service Registry Number.

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

HAZCHEM: An emergency action code of numbers and letters which gives information to



SAFETY DATA SHEET

HTB GREASE

Version 3.0

Date of Issue: 28.2.2017

emergency services.

HSIS: Hazardous Substances Information System

NOHSC: National Occupational Health and Safety Commission.

NTP: National Toxicology Program (USA).

SDS: Safety Data Sheet

TWA: Time Weighted Average.

UN Number: United Nations Number.

Literature References:

Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice (December 2011 – Safe Work Australia)

GHS Hazardous Chemical Information List (September 2014 – Safe Work Australia)

Guidance on the Classification of Hazardous Chemicals under the WHS Regulations. April 2012. Safe Work Australia.

Global Harmonized System of Classification and Labelling of Chemicals (GHS). Fifth revised edition.

“Australian Exposure Standards”

List of Designated Hazardous Substances [NOHSC:10005(1999)]

Australian Code For The Transport Of Dangerous Goods By Road And Rail – 7th Edition.

Standard for the Uniform Scheduling of Medicines and Poisons 2015.

Material Safety Data Sheets – individual raw materials – Suppliers.

Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)]

HSIS – Hazardous Substance Information System – National Worksafe Data Base.

LABELLING OF WORKPLACE HAZARDOUS CHEMICALS, Code of Practice, DEC 2011

IMPLEMENTATION OF THE GLOBALLY HARMONISED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS) APRIL 2012

Disclaimer: It is believed that the information given in this bulletin is accurate at the issue date. It is offered in good faith, but without guarantee and without acceptance of responsibility for its accuracy.

Lubrimaxx pursues a policy of ongoing research and development aimed at product improvement and therefore may change the formulation, specification and characteristics of its products without notice.

It is the user's responsibility to verify the current formulation, specification or characteristics of a product, and to ascertain that it is suitable for an intended use or application.

End of SDS