

# **SAFETY DATA SHEET** **GLOBAL TITAN HI LOAD**

Issued: 19/02/2012

## **1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Trade Name</b>	<b>TITAN HI LOAD</b>
<b>Manufacturer/Supplier</b>	Global Lubricants Limited
<b>Address</b>	13 Sandwell Business Development Centre, Oldbury Rd, Smethwick, West Midlands, B66 1NN, England
<b>Phone Number</b>	+44 (0) 121 544 3638
<b>Fax Number</b>	+44 (0) 121 544 3638
<b>Emergency Phone Number</b>	+44 (0) 7710 754382

## **2. COMPOSITION/INFORMATION ON THE COMPONENTS**

**Preparation - Hazardous Components- N/A**

**Concentration – N/A      R & S Phrases – N/A**

**GENERAL: Mineral oil thickened with lithium complex soap and containing EP Anti-Wear, Anti-Oxidant, Corrosion Inhibitor, Polymer and solid film additives.**

## **3. HAZARD IDENTIFICATION**

**This product is not classified as hazardous under current UK Health & Safety and Environmental legislation when used in the application for which it is intended.**

**Pressure injection: Injection of all products will cause severe internal damage if not promptly treated.**

**Special hazards of product after use: No potentially hazardous components to consider.**

## **4. FIRST AID MEASURES**

<b>First Aid - Eyes</b>	Wash out eye with plenty of water until Irritation subsides. If irritation persists obtain medical attention
<b>First Aid - Skin</b>	Wash skin with soap and water thoroughly.
<b>First Aid - Ingestion</b>	Not expected to be a problem. If swallowed, do not induce vomiting. Wash out mouth with water. Obtain medical attention.
<b>First Aid – Inhalation</b>	Vapour pressure of this material is low. inhalation under normal conditions is not Usually a problem.
<b>Pressure injection:</b>	Always obtain medical attention immediately, Even though the injury may appear minor.

## **5. FIRE FIGHTING MEASURES**

<b>Extinguishing media</b>	Foam, dry powder or CO <sub>2</sub>
<b>Flammability</b>	Non-Flammable
<b>Flash Point (<sup>0</sup>C PMCC)</b>	>150
<b>Products of Combustion</b>	Carbon, Oxides of Carbon, Zinc and molybdenum
<b>NFPA 704M Ratings</b>	Health 0, Flammability 1, Reactivity 0.

## **6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions: Spilt product presents a significant slip hazard**  
**Avoid exposure of the product to sources of ignition**  
**Environmental precautions: Prevent entry into drains, sewers and water courses**  
**Decontamination procedures: Soak up with inert absorbent, or contain and remove by Best available means**

## **7. HANDLING AND STORAGE**

**Keep containers closed when not in use**  
**Prevent slip hazards**  
**Storage temperature 0>40<sup>0</sup>C**

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Eyes</b>	Wear safety glasses if there is a risk of eye contact
<b>Skin</b>	Use barrier cream, wear gloves and overalls if there is a possibility of prolonged skin contact.
<b>Inhalation</b>	No special respiratory protection is required under normal conditions.
<b>Industrial hygiene</b>	Good personal hygiene practises should be followed.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Purple / Grey Grease
<b>Odour</b>	None
<b>Boiling Point (<sup>0</sup>C)</b>	310 min
<b>Flash Point (closed cup) (<sup>0</sup>C)</b>	Above 150
<b>Melting Point (<sup>0</sup>C)</b>	250 min
<b>Solubility in Water</b>	Insoluble
<b>Flammability Limit (in air % by volume)</b>	LEL: N/E
<b>Specific Gravity @ 20<sup>0</sup>C</b>	0.98
<b>Vapour Pressure @ 20<sup>0</sup>C</b>	Below 0.1mm Hg
<b>Kinematic Viscosity @ 40<sup>0</sup>C (mm<sup>2</sup>S<sup>-1</sup>)</b>	N/A
<b>pH</b>	N/A
<b>UEL</b>	N/E
<b>Vapour Density (air=1)</b>	N/E

## **10. STABILITY AND REACTIVITY**

**Thermal** Stable.

**Light** Stable

**Avoid extreme heat**

**Incompatible with strong oxidising agents**

## **11. TOXICOLOGICAL INFORMATION**

**Estimated Oral LD50 (Rat) > 2g/Kg**

### **Health Effects**

**Eyes**

May cause transient irritation

**Skin**

Unlikely to cause harm on brief or occasional contact

**Inhalation**

Low volatility makes inhalation unlikely at ambient temperatures.

**Ingestion**

May cause nausea, vomiting and diarrhoea

**Chronic**

Repeated and prolonged skin contact may lead to skin disorders

**Other**

Products which have become contaminated in use or from external sources may present more serious health effects.

## **12. ECOLOGICAL INFORMATION**

**Biodegradability** N/E

**Chemical Oxygen Demand (mg O<sub>2</sub>/litre)** N/E

**Lubricating greases are inherently, but not readily biodegradable**

## **13. DISPOSAL**

**Place used and contaminated materials in suitable containers. Dispose of the controlled Waste in accordance with duty of care (Environmental Protection Act 1990) – Section 34 (7) using a licensed waste disposal company.**

## **14. TRANSPORT INFORMATION**

<b>Classified For Transport</b>	Not classified as hazardous for transport
<b>UN Number</b>	None
<b>Shipping Name</b>	N/A
<b>IMO Class</b>	N/A
<b>ADR/RID</b>	N/A
<b>Packaging Group</b>	N/A
<b>Marine Pollutant</b>	No
<b>ICAO / IATA</b>	N/A

## **15. REGULATORY INFORMATION**

<b>EC Directives</b>	Framework Waste Directive 91/156/EEC Waste Oil Directive 87/101/EEC
<b>Labelling</b>	This product is not classified as dangerous For supply in the UK
<b>Statutory Instruments</b>	The Health & Safety at Work Act 1974 Consumer Protection Act 1987 Environmental Protection Act 1990 Control of Substances Hazardous to Health 1988 The chemicals Regs 1996

## **16. OTHER INFORMATION**

The data and advise given apply when the product is sold for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. You should not use the product other than for the stated application or applications without seeking advice from us.

If you have purchased the product for supply to a third party for use at work, it is your duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

If you are an employer, it is your duty to tell your employees and others who may be affected of the hazards described in this sheet and of any precautions which should be taken.

Approved codes of practise : waste management. The duty care.

Guidance notes: Occupational Skin Diseases: Health & Safety precautions (EH26)  
Occupational Exposure Limits (EH40)  
The Carcinogenicity Of Mineral Oils (EH58)  
Skin Cancer caused BY oil (MS (B) 6)  
Dermatitis Cautionary Notice (SHW367)  
Effects Of Mineral Oil On The Skin (SHW397)