



## **SAFETY DATA SHEET**

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

Product Name : Grenvo High Temperature 2 Grease  
Intended use : Grease  
Company : Siddharth Grease & Lubes Private Limited  
Plot No.-13, Sector-3  
IMT, Manesar, Gurgaon  
Haryana-122050 (INDIA)  
  
Telephone No. : +91-124-4615100  
Fax No. : +91-124-4615199  
Email : [sds@siddharthpetro.com](mailto:sds@siddharthpetro.com)

### **2. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Description: Blend of highly refined mineral oil and additives.

S.No.	Chemical name	CAS #	Concentration % by mass
1.	Lithium Hydroxide	1310-65-2	1.8 %
2.	Hydrogenated Castor Oil	8001-78-3	12.1 %
3.	Mineral Oil SN I	72623-85-9	40.1 %
4.	Mineral Oil II	72623-83-7	41 %
5.	Complex Agent	123-99-9	1 %
6.	Additive	68511-50-2	4 %
7.	TOTAL		100

### **3. HAZARDOUS IDENTIFICATION**

This material is not considered to be hazardous according to regulatory guidelines, see Section 15.  
DMSO Extract (mineral oil only), IP-346: < 3 % wt

#### **HEALTH HAZARDS**

Excessive exposure may result in eye, skin, or respiratory irritation. High-pressure injection under skin may cause serious damage.

**NOTE:** This material should not be used for any other purpose than the intended use in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks which may vary from person to person.

### **4. FIRST AID MEASURES**

Inhalation : If inhaled, remove to fresh air. Get medical attention.  
  
Skin Contact : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention.



## **SAFETY DATA SHEET**

Eye Contact : In case of contact, flush immediately with plenty of water for up to 15 minutes. Remove contact lenses and keep eyelids open. Seek medical attention.

Ingestion amount : Clean mouth with water. Obtain medical advice if a large amount has been swallowed. Do not induce vomiting.

### **5. FIRE FIGHTING MEASURES**

Suitable Extinguishing media : Extinguish preferably with dry chemical or foam. Water spray / mist may be used.

Extinguishing media which must not be used for safety reasons : Water jet, unless used by authorized people. (Stain risk caused by combustion).

Protective eqpt for fire selection: of respiratory protection of fire fighting fighters : Follow the general fire precautions indicated by the workplace.

### **6. ACCIDENTAL RELEASE MEASURES**

Personal Precautions : Suitable protection equipment should be used. In case of large spillage, the cleaning procedure should be carried out using suitable protective clothing such as overall, gloves and boots.

Remove contaminated clothes as soon as possible.  
Smaller spillage can be wiped up with paper cloths, using protective gloves.

Method for Cleaning up : Scoop up leakage product and place in a sealed liquid-proof container for disposal. Absorb leaking with sand, earth or other suitable inert material and collect. Waste disposal according to section 13.

Physical and chemical hazard : At elevated temperatures flammable vapors and decompositions products will be released. Risk for slippery floors if spilled out.

### **7. HANDLING AND STORAGE**

Handling surface : Avoid contact of spilled material and runoff with soil and waterways.

safety : Handle in accordance with good industrial hygiene and practices.

Storage : Keep out of the reach of children. Keep container tightly closed.



## **SAFETY DATA SHEET**

Keep container in a cool, well-ventilated area.

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

Control Parameters	:	Provide exhaust ventilation or other engineering controls to keep the relevant airborne concentrations below their respective occupational exposure limits.
Hygiene measures	:	Wash hands, forearms and face thoroughly after handling Chemical products, before eating, smoking and using the lavatory and at the end of working period.

### **PERSONAL PROTECTION EQUIPMENT**

Respiratory Protection	:	None required.
Hand Protection	:	Wear oil resistant protective gloves. Suitable gloves are Neoprene, nitrile or acrylnitrilebutadiene rubber, or PVC. Frequent change is advisable.
Eye Protection	:	Risk of splashes, wear safety goggles / safe shield.
Skin and body Protection	:	Wear protective clothing or apron when there is a risk of skin Contact.

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

Appearance	:	Semi Solid
Color	:	Light Brown
Type of Oil	:	Highly refined mineral oil
Flash Point(Base oil)	:	> 200° C (COC)
Boiling Point	:	Not Available
Density	:	Less than 1
Vapour Density	:	No data available
Viscosity @ 40° C	:	220 cSt
Inflammability	:	No data available
pH	:	Not applicable
Relative Density	:	No data available
Freezing Point	:	No data available
Melting Point	:	No data available



## **SAFETY DATA SHEET**

### **10. STABILITY AND REACTIVITY**

Stability	:	The product is Stable under normal conditions.
Avoid	:	Excessive heating and highly oxidizing agents.
Hazardous Decomposition	:	Material does not decompose at ambient temperature.

### **11. TOXICOLOGICAL INFORMATION**

<b><u>Hazard Class</u></b>	<b><u>Conclusion / Remarks</u></b>
<b>Inhalation</b>	
Acute Toxicity: No end point data for material.	Minimally Toxic. Based on assessment of the components.
Irritation: No end point data for material.	Negligible hazard at ambient/normal handling temperatures.
<b>Ingestion</b>	
Acute Toxicity: No end point data for material.	Minimally Toxic. Based on assessment of the components.
<b>Skin</b>	
Acute Toxicity: No end point data for material.	Minimally Toxic. Based on assessment of the components.
Skin Corrosion/Irritation: No end point data for material.	Negligible irritation to skin at ambient temperatures. Based on assessment of the components.
<b>Eye</b>	
Serious Eye Damage/Irritation: No end point data for material.	May cause mild, short-lasting discomfort to eyes. Based on assessment of the components.
<b>Sensitisation</b>	
Respiratory Sensitization: No end point data for material.	Not expected to be a respiratory sensitizer.
Skin Sensitization: No end point data for material.	Not expected to be a skin sensitizer. Based on assessment of the components.
<b>Aspiration:</b> Data available.	Not expected to be an aspiration hazard. Based on physico-chemical properties of the material.
<b>Germ Cell Mutagenicity:</b> No end point data for material.	Not expected to be a germ cell mutagen. Based on assessment of the components.
<b>Carcinogenicity:</b> No end point data for material.	Not expected to cause cancer. Based on assessment of the components.
<b>Reproductive Toxicity:</b> No end point data for material.	Not expected to be a reproductive toxicant. Based on assessment of the components.
<b>Lactation:</b> No end point data for material.	Not expected to cause harm to breast-fed children.
<b>Specific Target Organ Toxicity (STOT)</b>	
Single Exposure: No end point data for material.	Not expected to cause organ damage from a single exposure.
Repeated Exposure: No end point data for material.	Not expected to cause organ damage from prolonged or repeated exposure. Based on assessment of the components.



## **SAFETY DATA SHEET**

### **IARC Classification:**

The following ingredients are cited on the lists below: None.

--REGULATORY LISTS SEARCHED--

1 = IARC 1

2 = IARC 2A

3 = IARC 2B

### **12. ECOLOGICAL INFORMATION**

Ecotoxicity	:	Material not expected to be harmful to aquatic organisms.
Mobility	:	Spillage may penetrate the soil causing ground water Contamination.
Degradability	:	The product is expected to be slowly biodegradable.
Other adverse effects	:	None known.

### **13. DISPOSAL CONSIDERATIONS**

Dispose of waste and residues according to agreement with local authorities.

### **14. TRANSPORT INFORMATION**

This product is not covered by international regulation on the transport of dangerous goods. Containers should be kept closely tight, upright position and closed containers.

**LAND** : Not Regulated for Land Transport

**SEA (IMDG)**: Not Regulated for Sea Transport according to IMDG-Code

**Marine Pollutant**: No

**AIR (IATA)**: Not Regulated for Air Transport

### **15. REGULATORY INFORMATION**

Note: National specific regulation may apply.

This material is not considered hazardous according to the Classification of Chemicals based on Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

### **REGULATORY STATUS AND APPLICABLE LAWS AND REGULATIONS**

Listed or exempt from listing/notification on the following chemical inventories (May contain substance(s) subject to notification to the EPA Active TSCA inventory prior to import to USA): AICS, DSL, ENCS, IECSC, KECI, PICCS, TCSI, TSCA



## **SAFETY DATA SHEET**

### **16. OTHER INFORMATION**

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions. The above information is furnished without warranty, expressed, or implied, except that it is accurate to the best knowledge of SIDDHARTH GREASE & LUBES PVT. LTD. The data on these sheets relates only to the specific material designated herein. SIDDHARTH GREASE & LUBES PVT. LTD. assumes no legal responsibility for use and reliance upon this data.