

MATERIAL SAFETY DATA SHEET

1) IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product Name: OG-H **Manufacturer/Supplier:** JET-LUBE (UK) LIMITED
Chemical Family: Petroleum based lubricating grease **Address:** Reform Road, Maidenhead, Berkshire, SL6 8BY, UK
Use: Open gear and rope lubrication.
Telephone: 01628 631913 **Fax:** 01628 773138
Emergency Telephone: 07919 488301

2) HAZARDS IDENTIFICATION

Main Hazards - Health Effects

Eyes: May cause irritation.
Skin: Possible rash for persons with sensitivity.
Inhalation: Viscous nature may block breathing passages if inhaled.
Ingestion: May cause diarrhoea.

3) COMPOSITION/INFORMATION OF INGREDIENTS

Hazardous Components	CAS No	Wt%	OSHA PEL	ACGHI TLV	Other
Lubricating grease	74869-21-9	40-50	5mg/m ³ (Oil mist)	STEL:10mg/m ³	DMSO to IP346<3%
Graphite	7440-44-0	30-40	2mg/m ³ (Dust)		
Organo clay	68953-58-2	10-15	10mg/m ³ (Dust)		
Molybdenum disulphide	317-33-5	5-10	15mg/m ³ (Dust)		

4) FIRST AID MEASURES

Eyes: Flush with water until all residual is gone. If irritation persists seek medical help.
Skin: Wash thoroughly with hand cleaner, followed by soap & water. All contaminated clothing should be dry cleaned before reuse.
Inhalation: Clear air passage and seek medical help, if respiratory difficulty.
Ingestion: Do not induce vomiting. Seek medical help immediately

5) FIRE FIGHTING MEASURES

Extinguishing Media: Foam, dry powder, carbon dioxide, sand, earth & water mist.
Unsuitable Exting. Media: Water jet
Protective Equipment for Fire-fighting: Self contained breathing apparatus.

6) ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear gloves & protective overalls.
Environmental Precautions: Avoid disposal into drains or watercourses.
Spillage: Scrape up bulk, then wipe up remainder with cloth & soak up remaining residue with diatomaceous earth or sand to avoid a walking hazard.

7) HANDLING AND STORAGE

Handling: No special handling precautions necessary
Storage: Do not store at elevated temperatures

8) EXPOSURE CONTROL/PERSONAL PROTECTION

Hand Protection: Protective gloves sensitive persons
Eye Protection: Glasses, if applied to moving parts in motion.
Body Protection: Overalls
Respiratory Protection: None needed.

9) PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Semi-Solid (paste) **Colour:** Opaque Black **Odour:** Petroleum
Boiling Range/Point (°C): 371 **Melting Point (°C):** N/A
Flash Point (PMCC) (°C): 293 **Autoignition Temp (°C):** 360
Explosive Properties: LEL: 0.9% **UEL:** 7%
Evaporation Rate (Butyl Acetate): <0.01 **Partition Coefficient (Log Pow):** N/A
Vapour Pressure: <0.01 **Density (kg/dm³):** 1.00
Percent Volatiles: Nil **Flammability:** Not flammable at ambient temperatures.
Oxidising Properties: None **Solubility in Water:** Nil **Vapour Density:** >5

10) STABILITY AND REACTIVITY

Stability: Chemically stable under normal conditions
Conditions to Avoid: Powerful sources of ignition and extreme temperatures.
Materials to Avoid: Strong inorganic & organic acids & oxidising agents.
Hazardous Decomposition Products: Burning generates smoke, airborne soot, hydrocarbons and oxides of carbon, sulphur and nitrogen. Residue mainly comprised of soot, metal and mineral oxides.

11) TOXICOLOGICAL INFORMATION

Acute Toxicity: Not known **Irritancy-skin:** Very mild **Skin Sensitisation:** Not known
Sub-acute/subchronic Toxicity: Not known **Chronic Toxicity:** None known
Genotoxicity: None known **Carcinogenicity:** No **NTP:** No **IARC:** No **OSHA:** No
EC Classification (67/548/EEC) No. LC-50: >2000mg/kg **LD-50:** Not applicable.

12) ECOLOGICAL INFORMATION

Possible Effects: May generate oil fractions that could act as a marine pollutant in extreme cases, but is highly unlikely.
Behaviour: Bioaccumulation potential nil. Less dense than salt water.
Environmental Fate: Highly unlikely to cause notable contamination. Nontoxic to marine or land organisms.

13) DISPOSAL CONSIDERATIONS

Product Disposal: Do not incinerate. Contact waste disposal company or local authority for advice.
Container Disposal: Pails -see product disposal section above.

14) TRANSPORT INFORMATION

Not classified as hazardous for transport.

15) REGULATORY INFORMATION

Labelling Information: None needed **EC Annex 1 classification:** N/A
R Phrases: R 22 Harmful if swallowed
S Phrases: S45 In case of accident or if you feel unwell, seek medical advice and show this label.

16) OTHER INFORMATION

Date of Original Issue: 30th March 2000 **Date of this Revision:** 11th Nov 2008
Revision No: 2BR **Revised Sections:** 1 tel, 16 disclaimer.

The information in this safety data sheet has been prepared with due care and is true and accurate to the best of our knowledge. Jet-lube UK shall not be held responsible for the suitability of this information for the user's intended purposes or the consequences of such use, and shall not be liable for any damage or loss, howsoever arising, direct or otherwise.