

MATERIAL SAFETY DATA SHEET

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

Product Name: JET LUBE® KORR GUARD™ **Manufacturer/Supplier:** JET-LUBE (UK) LIMITED
Chemical Family: Calcium sulphonate based lubricating grease **Address:** Reform Road, Maidenhead, Berkshire, SL6 8BY, UK
Use: Rust inhibiting compound for Pipe Thread storage **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	ACGIH TLV	Other
Lubricating grease	74869-21-9	80-90	5mg/m ³ (Oil mist)		*
Rust inhibitor	Proprietary	1-2			

* Base oil DMSO to IP346<3% so carcinogen warning does not apply

4) FIRST AID MEASURES

Eyes: Flush with water until all residual material is gone. If irritation persists seek medical help
Skin: Wash thoroughly with hand cleanser, followed by soap & water
Inhalation: Clear air passage. If respiratory difficulty continues, seek medical help
Ingestion: Consult physician

5) FIRE FIGHTING MEASURES

Extinguishing Media: Foam, dry powder, carbon dioxide, sand, earth or water mist.
Unsuitable Extinguishing 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
Spillage: Scrape up bulk, then wipe up remainder with cloth.
To prevent walking hazard, pick up remaining residue with diatomaceous earth or sand.
Place in sealed container

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 for sensitive persons
Eye Protection: Glasses, if applied to parts in motion
Body Protection: Overalls
Respiratory Protection: None needed

9) PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Semi-fluid (gel) **Colour:** Amber to brown **Odour:** Petroleum
Ph: Neutral **Boiling Range/Point (°C):** 316°C **Melting Point (°C):** 221°C
Flash Point (PMCC) (°C): 221°C **Autoignition Temp (°C):** 260°C
Explosive Properties: LEL: 0.9% **UEL:** 7%
Evaporation Rate (Butyl Acetate): <0.01 **Vapour Pressure:** <0.01 **Density (Kg/dm³):** 0.98 **Percent Volatiles:** Nil **Flammability:** Not flammable at ambient temperature **Oxidising Properties:** None **Solubility in Water:** Slight, not ready soluble **Vapour Density:** >5

10) STABILITY AND REACTIVITY

Stability: Chemically stable under normal conditions. No photoreactive agents.
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.

11) TOXICOLOGICAL INFORMATION

Acute Toxicity: Not known **Irritancy-Skin:** Very mild. **Skin Sensitisation:** Not known
Subacute/Sub-chronic Toxicity: Not known **Chronic Toxicity:** None known
Genotoxicity: None known **Carcinogen: NTP:** No. **IARC:** No. **OSHA:** No
EC Classification (67/548/EEC): No.
LC-50: >2000mg/kg-extrapolated from component data. **LD-50:** Not applicable

12) ECOLOGICAL INFORMATION

Possible Effects: In extreme cases, may generate oil fractions that could act as a marine pollutant. Occurrences of this nature are highly unlikely.
Behaviour: Bioaccumulation potential nil.
Environmental Fate: Highly unlikely to cause notable contamination. Non-toxic 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:** Not applicable
R Phrases: R22 Harmful if swallowed.
S Phrases: None, as known.

16) OTHER INFORMATION

Date of Original Issue: 8th Dec 2008 **Date of this Revision:** 23rd Dec 2009
Revision No: 2BR **Revised Sections:** 3 composition

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.