

MATERIAL SAFETY DATA SHEET

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

Product Name: JET-LUBE SEAL GUARD ECF **Manufacturer/Supplier:** JET-LUBE (UK) LIMITED
Chemical Family: Biodegradeable base grease. **Address:** Reform Road, Maidenhead,
Berkshire, SL6 8BY, UK

Use: Thread lubricant and sealant,
anti-seize compound.

Telephone: 01628 631913 **Fax:** 01628 773138
Emergency Telephone: 0044 7919 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	EC No	WT%	OSHA PEL	ACGHI TLV	OTHER
Lubricating grease	74869-21-9	278-011-7	65-70	5mg/m ³ (As mist)	10mg/m ³	
Calcium fluoride	7789-75-5	232-188-7	30-35	2.5mg/m ³ (As dust)		
Cellulose fibre	65996-61-4	265-995-8	1-2	5mg/m ³ (As dust)		

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

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: 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 or watercourses.
Spillage: Scrape up bulk, then wipe up remainder with cloth & pick up remaining residue with diatomaceous earth 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 for 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:** Black **Odour:** Petroleum
Boiling Range/Point (°C): 371°C **Melting Point (°C):** 199°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 **Partition Coefficient (Log Pow):** N/A
Vapour Pressure: <0.01 **Density (Kg/dm³):** 1.07
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:** >4000mg/kg **LD-50:** Not applicable.

12) ECOLOGICAL INFORMATION

Possible Effects: Will not generate oil fractions that could act as a marine pollutant.
Behaviour: Bioaccumulation potential nil. Less dense than salt water.
Environmental Fate: Highly unlikely to cause notable contamination.
Nontoxic to marine or land organisms. Readily biodegradeable.

13) DISPOSAL CONSIDERATIONS

Product Disposal: Do not incinerate. Contact waste disposal company or local authority for advice.
Container Disposal: Pail may only be disposed of via standard waste disposal services, recycled or reused.

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:S62 In case of ingestion, do not induce vomiting. Seek medical advice and show this label.

16) OTHER INFORMATION

Date of Original Issue: 26:05:2006 **Date of this revision:** 5th Jan 2010
Revision No: 6BR **Revised sections:** 3, composition
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