

MATERIAL SAFETY DATA SHEET

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

Product Name: JET-LUBE NCS-30 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: 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 | EC No | WT% | OSHA PEL | ACGHI TLV |
|---------------------------|------------|-----------|-------|--------------------------------|---------------------|
| Nonhazardous Blend | | | | | |
| Lubricating grease | 74869-21-9 | 278-011-7 | 60-65 | 5mg/m ³ (As mist) | 10mg/m ³ |
| Calcium fluoride | 7789-75-5 | 232-188-7 | 30-35 | 2.5mg/m ³ (As dust) | |
| Talc | 14807-96-6 | 238-977-9 | 3-5 | 2mg/m ³ (As dust) | |
| Titanium dioxide | 13463-67-7 | 236-67-5 | 2-3 | 15mg/m ³ (As mist) | 10mg/m ³ |
| Cellulose fibre | 65996-61-4 | 265-995-8 | 1-2 | 5mg/m ³ (As 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 assistance.

5) FIRE FIGHTING MEASURES

Extinguishing Media: Foam, dry powder, carbon dioxide, sand, earth or 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 & pick 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 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:** Cream **Odour:** Petroleum
Boiling Range/Point (°C): N/A **Melting Point (°C):** 204°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):** 1.26
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: Pails -see product disposal section above. Plastic liner- 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:S45 In case of accident or if you feel unwell, seek medical advice and show this label.

16) OTHER INFORMATION

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Revision No: 4BR **Revised sections:** 1 tel.3 content.16 disclaimer

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