

# MATERIAL SAFETY DATA SHEET

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

**Product Name:** RUN'n'SEAL ECF

**Chemical Family:** Sealant for tubing & casing.

**Use:** Pipe Thread Sealant

**Manufacturer/Supplier:** JET-LUBE (UK) LIMITED

**Address:** Reform Road, Maidenhead,  
Berkshire, SL6 8BY, UK

**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

Components	CAS No	WT%	OSHA PEL	ACGIH TLV	Other
Grease, Ca sulphonate	748692-21-9	60-65	5 mg/m <sup>3</sup> (Mist)		DMSO IP346< 3%
Calcium fluoride	7789-75-5	25-30	10 mg/m <sup>3</sup> (Dust)		
Graphite	7440-44-0	8-10	2 mg/m <sup>3</sup> (Dust)		
Cellulose fibres	65996-61-4	1-2		(Dust) 10 mg/m <sup>3</sup>	

## 4) FIRST AID MEASURES

**Eyes:** Flush with water until all residual is gone. If irritation persists, seek medical help.

**Skin:** Wash thoroughly with hand cleanser, followed by soap & water.  
All contaminated clothing should be dry cleaned before reuse.

**Inhalation:** Clear air passage and seek medical help, if respiratory difficulty continues.

**Ingestion:** If swallowed, do not induce vomiting: seek medical advice immediately and show this label.

## 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 soak up 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 gel **Colour:** Black **Odour:** Petroleum **pH:** Neutral

**Boiling Range/Point (°C):** 316

**Melting Point (°C):** 260 °C

**Flash Point (PMCC) (°C):** 232

**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/dm<sup>3</sup>):** 1.23

**Percent Volatiles:** Nil

**Flammability:** Not flammable at ambient temperature

**Oxidising Properties:** None

**Solubility in Water:** Not soluble

**Vapour Density:** >5

**OAR Value:** N/A

## 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, nitrogen and sulphur. Residue mainly comprised of soot & mineral oxides.

## 11) TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Not known **Irritancy-Skin:** Very mild **Skin Sensitisation:** Not known

**Subacute/Sub-chronic Toxicity:** Not known **Genotoxicity:** None known

**Chronic Toxicity:** None known **Allergens:** None known

**Carcinogen:** NTP: No **IARC:** No **OSHA:** No **EC Classification(67/548/EEC):** No.

**LC-50:** >4000mg/kg-extrapolated from component data. **LD-50:** Not applicable

## 12) ECOLOGICAL INFORMATION

**Possible Effects:** Unlikely to act as marine pollutant.

**Behaviour:** Bioaccumulation potential nil.

**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 without liner-see Product Disposal section above.

Pail with plastic liner-Pail may only be disposed of via standard waste disposal services, recycled or reused.

Liner-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:**S45 In case of accident or if you feel unwell, seek medical advice and show this label.

## 16) OTHER INFORMATION

**Date of Original Issue:** 14<sup>th</sup> April 2008

**Date of this revision:** 17<sup>th</sup> June 2009

**Issue revision no.** 2BR

**Revised sections:** 3, % composition

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