



SAFETY DATA SHEET

ZETA GREASE

Page 1

Issued: 31/03/06

Revision No: 3

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

Product name: ZETA GREASE

Use / description of product: Anti-seize and lubricant compound.

Company name: Unicorn Chemicals Ltd

Unicorn House

Mowbray Drive

Blackpool

Lancashire

FY3 7UN

Tel: 01253 396101

Fax: 01253 302895

2. COMPOSITION / INFORMATION ON INGREDIENTS

Contains: Mineral oil thickened with modified clay and containing soft metal transfer and laminar solids.

3. HAZARDS IDENTIFICATION

Main hazards: No significant hazard.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: Nausea and stomach pain may occur. There may be vomiting and diarrhoea.

Inhalation: No undue effects under normal circumstances.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash with soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Seek medical attention.

Inhalation: If affected, remove to fresh air. Seek medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Dry chemical powder. Alcohol or polymer foam.

Exposure hazards: In combustion emits toxic fumes.

Protection of fire-fighters: Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Eliminate all sources of ignition.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Absorb into dry earth or sand.

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SAFETY DATA SHEET

ZETA GREASE

7. HANDLING AND STORAGE

Handling requirements: Avoid direct contact with the substance.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: No specific engineering measures are necessary.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing with elasticated cuffs and closed neck.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Paste

Colour: Silver

Odour: Odourless

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Boiling point/range°C: 310

Melting point/range°C: >240

Flash point°C: >150

Vapour pressure: <0.1mmHg

Relative density: 1.0

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat.

Materials to avoid: Strong oxidising agents.

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Routes of exposure: No adverse effects should be experienced under normal circumstances.

12. ECOLOGICAL INFORMATION

Mobility: Insoluble in water.

Persistence and degradability: Only slightly biodegradable.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Contact Unicorn Chemicals Ltd to arrange disposal.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SAFETY DATA SHEET

ZETA GREASE

14. TRANSPORT INFORMATION**ADR / RID****UN no:** -**Shipping name:** NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATIONS.**IMDG / IMO****UN no:** -**IATA / ICAO****UN no:** -**15. REGULATORY INFORMATION****Hazard symbols:** No significant hazard.**Safety phrases:** S2: Keep out of the reach of children.

S46: If swallowed, seek medical advice immediately and show this container or label.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.**16. OTHER INFORMATION****Other information:** Always use in accordance with manufacturer's directions.

This safety data sheet is prepared in accordance with EC Directive 2001/58/EC.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.