

MATERIAL SAFETY DATA SHEET

MICRO μ ZX1 GREASE

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

- 1.1 Product name:** MICRO μ ZX1 GREASE base preparations
before blending with EXTRALUBE ZX1 MICRO OIL
- 1.2 Use:** Lubrication
- 1.3 Address:** TEAM ZX1 LTD.
Unit 20, Millbrook business Park
Crowborough
East Sussex TN6 3JZ
- 1.4 Contact person:** S.G. Munt
01892 669828

2. COMPOSITION/INFORMATION ON INGREDIENTS

- 2.1 Chemical nature:** Mineral or vegetable oils thickened with stearates or modified clays

3. HAZARDS IDENTIFICATION

This product is not classified as hazardous under current UK Health/Safety/Environmental Legislation.
When used in the application for which is intended

Adverse health effects Repeated contact with the skin may cause irritation

Other hazards The product can burn when strongly heated. Hazardous decomposition products may be formed.

4. FIRST AID MEASURES

Skin: Wash with soap and water. Seek medical attention if symptoms persist.

Eye: Flush with water for at least 10 minutes. Seek medical attention if symptoms persist.

Inhalation: Not applicable in normal use.

Ingestion: Seek medical attention. **DO NOT INDUCE VOMITING**

Pressure injection: ALWAYS OBTAIN IMMEDIATE MEDICAL ATTENTION EVEN
THOUGH THE INJURY MAY APPEAR MINOR.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media: Carbon dioxide, Foam, or water spray. Prevent water used in spray from entering watercourses.

5.2 Unsuitable extinguishing media: Direct water jet.

5.4 Protective equipment: In the event of a large fire breathing apparatus and protective clothing.

WARNING: Heat from a fire could possibly result in drums bursting.

6. ACCIDENTAL RELEASE MEASURES

Contain and collect spillage. Failure to contain the release should be notified immediately to the Local Waste Authority. A spillage must be retrieved, if necessary with the help of absorbent material such as Floor granules. Burn under controlled conditions or dispose of at an appropriate waste disposal facility In accordance with current applicable laws and regulations.

7. HANDLING AND STORAGE

- 7.1 Handling precautions:** This product is normally handled cold, precautions should be taken against skin contact.
- 7.2 Storage:** Store away from sources of strong heat and strong oxidising chemicals. Temperature range 0°C to 40°C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

O.E.S. 5 mg/m³ (8 hr T.W.A. value), mineral oil

Personal protective equipment

Eye protection: Wear protective safety spectacles when handling heated product

Hand protection: Wear PVC gloves

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance at 20°C	Grease
Odour	Bland
PH	Neutral
Desity at 15°C	1.0 g/cm ³
Viscosity at 100°C	Not applicable
Flashpoint (ASTM D93)	> than 250°C
Auto-ignition temperature (ASTM E659)	> than 400°C
Explosion limits	not established
Vapour pressure 15°C	< 1 mbar
Solubility	Insoluble in water

10. STABILITY AND REACTIVITY

Hazardous reactions: None Known

Thermal decomposition: Slow decomposition above 250°C

Hazardous decomposition products which can be formed on heating: Carbon Monoxide, Carbon Dioxide , oxides of Nitrogen and Sulphur.

11. TOXICOLOGICAL INFORMATION

LD50 (rats) greater > 5000 mg/kg: by analogy to findings on products with similar composition.

This preparation is not classified as dangerous under EEC Directive 88/379/EEC

12. ECOLOGICAL INFORMATION

On the basis of operating experience it is considered unlikely to penetrate deeply into the soil, which, together with low solubility in water, makes contamination of the sub-soil unlikely.

Mineral oils are inherently but not readily biodegradable. Fresh or used mineral oils maybe harmful to Aquatic life.

13. DISPOSAL CONSIDERATIONS

Seek advice from Local waste Authority before disposing of product.

14. TRANSPORT INFORMATION

Not classified as hazardous for Transport

UN. Number	N/A	Packaging group:	N/A
Shipping name:	N/A		
IMO class:	N/A	Marine pollutant:	No
ADR /RID	N/A	ICAO / IATA	N/A

15. REGULATORY INFORMATION

This product is not classified as dangerous for supply in the UK.

Statutory Instruments	The Health & Safety at Work Act 1974. Consumer Protection act 1987. Environmental Protection act 1990. COSHH Regulations 1988 CHIP Regulations 1993.
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16. OTHER INFORMATION

This information is given without any warranty or representation. We do not assume any legal responsibility for same nor do we give permission, inducement or recommendation to practice any patented invention without a license. It is offered solely for your consideration, investigation, and verification. Before using any product, read its label.

**THIS INFORMATION TO BE USED IN CONJUNCTION WITH SAFETY DATA SHEET FOR
EXTRALUBE ZX1 MICRO OIL WHEN DEALING WITH FULLY BLENDED MICRO μ ZX1 GREASE**