

## MATERIAL SAFETY DATA SHEET

### EXTRALUBE ZX1 MICRO OIL

#### 1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

- 1.1 Product name:** EXTRALUBE ZX1
- 1.2 Use:** Lubrication
- 1.3 Address:** TEAM ZX1 LTD.  
Unit 8, 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:** Modified hydrocarbons with EP additives

#### 3. HAZARDS IDENTIFICATION

This product is not classified as hazardous according to directive 67/548/EEC  
When used in the application for which is intended

Adverse health effects - Repeated contact with the skin may cause irritation  
Vapours may cause drowsiness and dizziness

Classification: R52/53 – R67

According to our data the product is not dangerous with respect to the German chemical law and the meaning of directiv.67/548/EEC

Hazardous components: -

SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM. ; EC-No. : 265-199-0; CAS-No. : 64742-95-6

Percentage : 10 - 20 %

Classification : R 10 N ; R 51/53 Xn ; R 65 Xi ; R 37 R 67 R 66

For the wording of the listed risk phrases refer to section 16

## 4. FIRST AID MEASURES

**Skin:** Immediately remove contaminated clothing. Wash with soap and water and rinse

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

**Inhalation:** Not applicable in normal use. Let in fresh air

**Ingestion:** Drink plenty of water. 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:** Alcohol resistant foam, CO<sub>2</sub>, water spray

**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, quench endangered containers

## 6. ACCIDENTAL RELEASE MEASURES

Do not empty into drains. If the product contaminates water courses inform local authorities

**Methods for cleaning up / collecting**

Remove mechanically; take up residue with absorbing material, wash away

## 7. HANDLING AND STORAGE

**7.1 Handling precautions:** Avoid contact with skin and eyes. Do not eat or drink during work

**7.2 Storage:** Containers should be kept dry and sealed, keep away from strong alkaline and acid  
Materials.

Avoid heating and direct sunlight, storage class (VCI): 38

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment

Respiratory protection: None, but avoid breathing vapours

Eye protection: Wear safety glasses

Hand protection: Wear protective gloves

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Odour	Characteristic
Colour	Light brown
Density at 20°C	1.0099 g/cm <sup>3</sup>
Flashpoint (ASTM D93)	> 61°C
Boiling point	> 150°C
Solubility in water at 20°C	1% b.w.

## 10. STABILITY AND REACTIVITY

Stable under recommended storage and handling conditions

Materials to avoid: Keep away from oxidizing agents, strong alkaline and acid materials

Hazardous decomposition products only occur when boiling point is reached.

## 11. TOXICOLOGICAL INFORMATION

This product is unlikely to harm health, given normal and proper handling and hygienic precautions.

## 12. ECOLOGICAL INFORMATION

This product is biodegradable

## 13. DISPOSAL CONSIDERATIONS

In accordance with local regulations

## 14. TRANSPORT INFORMATION

**Land transport ADR/RID:** Not classified as hazardous

**Maritime transport IMDG/GGVSea**

**Air transport ICAO-TI and IATA-DGR:** Not classified as hazardous

**Additional transport information:** None

## 15. REGULATORY INFORMATION

According to our data this product is not dangerous according to directive 67/548/EEC

R-phrases – 52/53: Harmful to aquatic organisms, may cause long term effects in the aquatic environment

67: Vapours may cause drowsiness and dizziness

S-phrases – 29/35: Do not empty into drains, dispose of material and container in a safe way

57: Use appropriate container to avoid environmental contamination

61: Avoid release to the environment. / Refer to special instructions Data Sheets

## 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.

LAST UPDATE: MARCH 2015

### **R-Phrases of components**

10. Flammable.

37. Irritating to respiratory system.

51/53. Toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment.

65. Harmful: may cause lung damage if swallowed.

66. Repeated exposure may cause skin dryness or cracking.

67. Vapours may cause drowsiness and dizziness.