



SAFETY DATA SHEET

Trade Name: TB GEARUS USMEP 75W-80

Date of Issue: 22 / 05 / 2009

Date of Change: -

1. IDENTIFICATION OF SUBSTANCE OR PREPARATION AND IDENTIFICATION OF COMPANY OR ENTERPRISE

1.1 Identification of Substance or Preparation:

Trade Name:

TB GEARUS USMEP 75W-80

1.2 Application of Substance or Preparation:

Gear oil.

1.3 Identification of Company or Enterprise:

Company Name: Triangle Business LTD.

Registered Office: Suite 351, 10 Great Russell Street, London WC1B 3BQ, England

D-U-N-S® Number: 211176617

Telephone: +44 (0) 2088 201429, +44 (0) 7518 512046

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1.4 Emergency Telephone Number (UK) **01787 377305**

2. RISK IDENTIFICATION

2.1 Inhalation:

Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

2.2 Skin contact

Not expected to present a significant skin hazard under anticipated conditions of normal use

2.3 Eye contact:

Not expected to present a significant eye contact hazard under anticipated conditions of normal use.

2.4 Ingestion:

Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

3. COMPOSITION OR INFORMATION ABOUT COMPONENTS

3.1 Components (chemical substances) of Preparation with dangerous properties

Substance name	Value(s)	CAS nr / EINECS nr / EC index	Symbol(s)	R-Phrase(s)
Calcium sulfonate	ca 2.1 %	----- / 272-213-9 / -----		53
Zinc dialkyl dithiophosphate	ca 2.1 %	68649-42-3 / 272-028-3 / - ----	Xi N	36/38-51/53

This product is not considered to be hazardous but contains hazardous components, Directive 1999/45/EG.

4. FIRST AID INSTRUCTIONS

4.1 General Instructions:

When handling the product observe work hygiene. Contaminated clothes and shoes must be taken off immediately.

4.2 Exposure by inhalation:

If aerosol is inhaled, take the exposed person out to the fresh air.

4.3 Contact with skin:

If the skin comes into contact with the product, wash the affected area thoroughly with water and soap and treat with a suitable cream.

4.4 Contact with eyes:

Keep on rinsing the eyes with a current of, if possible, lukewarm water for at least 15 minutes.

4.5 Ingestion:

Rinse out mouth by water, do not produce vomiting.

5. FIRE CONTROL

5.1 Appropriate extinguishers:

Extinguishing powder, extinguishing foam, CO₂, etc.

5.2 Inappropriate extinguishers:

Water stream.

5.3 Special hazard:

Products of combustion and hazardous gases: smoke, carbon monoxide, and carbon dioxide.

5.4 Special protective means for firemen:

Intervention units exposed to smoke or gases must be equipped with protective means to protect the respiratory system and eyes. It is necessary to use an insulating respirator in case of intervention in closed rooms.

6. MEASURES IN CASE OF ACCIDENTAL RELEASE

6.1 Preventive measures to protect human health:

Prevent the contamination of clothes and shoes with the product as well as contact with the skin and eyes. Use suitable protective clothes and if contaminated, replace the clothes as soon as possible.

6.2 Preventive measures to protect environment:

Prevent the spread of the released substance as well as the contamination of the sewerage, underground and surface water and soil, ideally by marking off the possible spread area. In the case of release, notify relevant authorities.

6.3 Recommended methods of cleaning and disposal:

In the event of substantial accidental release, localize and – if possible – pump away the product or remove it mechanically. Let its residues or smaller amounts solidify or get absorbed by a suitable absorbing agent (saw dust, sand) and place them in appropriate, properly marked containers to be handed over for liquidation in accordance with valid waste-regarding laws.

7. MANIPULATION AND STORAGE

7.1 Manipulation:

It is prohibited to handle an open fire or smoke. When handling heavy packaging, use appropriate handling means and exclude the possibility of slipping. Prevent the spilling of the product - risk of slipping. Keep safety distance from the sources of ignition.

7.2 Storage:

Store in properly sealed packaging in a place protected from rain, dust, heat and other weather conditions. The maximum storage temperature is 40 °C.

7.3 Specific use:

For separation of metal, plastic, ceramic and chipboard moulds.

8. LIMITATION OF EXPOSURE / PERSONAL PROTECTIVE MEANS

8.1 Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.

8.2 Skin protection:

No special clothing/skin protection equipment is recommended under normal conditions of use.

8.3 Eye protection:

Goggles.

8.4 Ingestion:

When using, do not eat, drink or smoke.

8.5 Industrial hygiene:

No special protection required where adequate ventilation is maintained.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General Data:

State at 20 °C: liquid
Color: yellowish
Odor (smell): characteristic, of crude oil

9.2 Important information with respect to the protection of health, safety and environment:

Density (at 15 °C): 880 kg/m³
Flash point: 235 °C
Concentration limit of explosibility: under usual conditions it does not produce explosive vapors
Water solubility: insoluble
Kinematic viscosity at 40 °C: 60 mm²/s

9.3 Other data:

Explosion limits (vol% in air): LEL: 1.0 ; UEL: 6.0

10. STABILITY AND REACTIVITY

10.1 Conditions to be avoided:

Heating to a high temperature, presence of sources of ignition, contact with open fire.

10.2 Materials to be avoided:

Strong oxidation agents.

10.3 Dangerous products from decomposition:

In the event of overheating, or during burning accompanied by a lack of air carbon monoxide may become produced.

The product is stable if handled, stored and used as prescribed.

11. TOXICOLOGY INFORMATION

11.1 Rat oral LD50 [mg/kg]:

No data available.

11.2 Inhalation:

Negligible hazard at ambient/normal handling temperatures. Elevated temperatures or mechanical action may form vapors, mists, or fumes, which may be irritating to the nose, throat and lungs.

11.3 Skin contact:

Repeated or prolonged skin contact may cause irritation.

11.4 Eye contact:

Slightly irritant, does not damage eye tissue.

11.5 Ingestion:

Low level of acute/systematic toxicity.

Minute amounts aspirated into the lungs during ingestion or vomiting may cause severe pulmonary injury.

12. ECOLOGICAL INFORMATION

12.1 LC50-96 Hour - fish [mg/l]:

No data available.

12.2 Mobility:

Not expected.

12.3 Persistence and dissolubility:

Difficult to degrade.

12.4 Bio-cumulative potential:

Not indicated. Based on the value of log P o/w in similar products this potential can be expected to be very low.

12.5 Other adverse reactions:

Creation of a film on the surface prevents oxygen supply to water.

13. INSTRUCTIONS FOR LIQUIDATION

13.1 Methods of disposal of liquid:

Waste or unused reminders must be delivered to a person authorized to disposal of waste.

13.2 Methods of disposal of contaminated packages:

Used, properly emptied packaging should be returned to an organization that collects dangerous waste. Packaging containing product residues should be handed over to a person authorized to handle waste in a place designated by authorities.

14. INFORMATION FOR TRANSPORTATION

14.1 Not regulated.

15. INFORMATION ABOUT REGULATIONS

15.1 R-Phrases:

R53 — May cause long-term adverse effects in the aquatic environment.

R36/38 — Irritating to eyes and skin.

R51/53 — Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

15.2 S-Phrases:

S2 — Keep out of the reach of children.

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

16. OTHER INFORMATION

16.1 Print date:

22 / 05 / 2009

The data provided in this safety data sheet regard only the indicated product and correspond with our knowledge and experience available at the moment. These data do not replace the product's quality specification. The proper handling of the product according to valid laws is the responsibility of the user.
