

Material Safety Data Sheet

according 93/112/EEC

Henri Hotz AG, 8600 Dübendorf, Material Safety Data Sheet
Olyt ZO - 31/61, 77-46
Edition 00, April 1998

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1. Substance / Preparation and Company Identification

Special oil
Olyt ZO - 31/61

Art.-No.: 77-46

Company:
Henri Hotz AG
Sunnhaldenstrasse 6
8600 Dübendorf
Tel.: 01 821 63 66

Emergency Contact:
Tel.: 01 821 63 66
FAX: 01 820 10 67

2. Composition / Information on Ingredients

Chemical Characterization

Blend of highly refined mineral oils and additives.

Dangerous Ingredients

None

3. Hazards Identification

Special instruction for human and environment:
Prolonged exposure may give rise to dermatitis.
Hazardous for soil, drain and surface water.

4. First Aid Measures

General:

Remove soiled clothes.

Inhalation:

Immediate fresh air, call in an emergency doctor.

Skin Contact:

Wash the skin with soap and water. In case of dermatitis seek medical attention.

Eye Contact:

Rinse the eyes immediately with water for at least 15 minutes. In case of eye irritation, seek medical attention.

Ingestion:

Do not induce vomiting. Call in the emergency doctor.

5. **Fire Fighting Measures**

Suitable Extinguishing media:
Carbon dioxide, dry powder, foam

Unsuitable is:
Water jet

6. **Accidental Release Measures**

Personal Precautions:
Avoid contact with eyes and skin.

Environmental Precautions:
Prevent contamination of soil, drains and surface water. Otherwise notify the police or the fire service at once.

Methods for Cleaning:
Take up and place in suitable container for disposal according to the rules.

7. **Handling and Storage**

Handling:
Avoid longer skin contact. Do not eat, drink or smoke at the workplace.

Fire and explosion protection:
Formation of hazardous mixtures in the air under high temperatures or when sprayed is possible.

Hazard code (BVD): F 4 | Fu PN2 (Swiss legislation)

Storage:
Store vessels out of reach of unauthorized persons and protect against heat and naked flame. Recommended storage temperatures: 0°C to 50°C.

8. **Exposure Controls / Personal Protection**

Technical Protective Measures:
Prevent the formation of oil vapour and mist.

Exposure Control Limits:
MAC value for mineral oil mist (SUVA-list): 5 mg/m³

Personal Protection Measures:
Hand protection : Wear suitable gloves.
Eye protection: Wear suitable goggles when there is a risk of spraying.
Respiratory protection: None
Skin protection: Wear overalls and closed footwear.

Working hygiene:

Avoid sustained, frequent and intensive contact with the skin; if necessary wear protective gloves and an apron. Before starting work apply a suitable protective agent to the skin. After work as well as before pauses for meals wash grease-contaminated hands thoroughly and apply a suitable cleaning agent. After cleaning, replace grease thereby lost by a greasy skin cream. Clothing saturated with oil should be immediately cleaned. Do not carry oily rags and the like in the trouser pockets. Avoid breathing oil vapour or mist. Keep well away from foodstuffs, beverages and fodder.

9. Physical and Chemical Properties

Appearance at 20 °C	liquid	
Colour	yellow-brown	
Odour	specific as product	
Density at 15°C	895 kg/m³	ISO 3675
Kin. viscosity at 40°C	220 mm²/s	ISO 3104
Kin. Viscosity at 100°C	19,9 mm²/s	ISO 3104
Pourpoint	-18°C	ISO 3018
Water solubility	insoluble	
Flashpoint	280°C	ISO 2592

10. Stability and Reactivity

Hazardous reactions:

When correctly stored and handled: None

Thermal decomposition:

At normal pressure cannot be distilled without decomposing.

Dangerous decomposition products:

Monoxide of carbon.

11. Toxicological Information

Oral Toxicity:

LD 50 / oral / rats: > 2000 mg/kg

Toxicity class / BAG-T No. (CH-legislation)

free / 61 72 00

12. **Ecological Information**

Water hazard class (EC): 2

Can be extracted by an oil separator.

On no account allow the product to enter the drains, watercourses or soil. Comply with the rules for handling special refuse.

13. **Disposal Considerations**

Disposal should be in compliance with federal state and local laws.

Switzerland:

VVS category code number: 1481

14. **Transport Information**

UN
free

ADR/SDR
free

IATA
free

Not a hazardous material as defined in transport regulations.

15. **Regulatory Information**

Not classified as dangerous under Directive 88/379/EEC and Directive 98/54/EEC
(22. Adaption of Directive 67/548/EEC of 30.9.96)

16. **Other Informations**

The information contained in this material safety data sheet is based on the present state of our knowledge and experience and serves the purpose of describing the product in relation to any safety requirements that may be in force. It does not represent an assurance of the properties of the product described.