

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 05.02.2009

Revision: 16.02.2007

1 Identification of the substance/preparation and of the company/undertaking

- **Product details**

- **Trade name:** Unimaz O
- **Application of the substance / the preparation** Release agent

- **Manufacturer/Supplier:**

TKK Srpenica ob Soci, d.d.
Srpenica 1
SLO-5224 Srpenica

- **Further information obtainable from:**

Tel: +386 (0) 5 384 13 00
Fax: +386 (0) 5 384 13 90/91
e-mail: tkk@siol.net

- **Information in case of emergency:** In case of emergency, consult physician.

2 Hazards identification

- **Hazard description:**

N Dangerous for the environment

- **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

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

- **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

- **Additional information:**

Inhalation of vapours may cause noninfection pneumonia, nausea, dizziness, drowsiness.

Longterm or repeted contact with skin can cause skin inflammation at senitive persons.

3 Composition/information on ingredients

- **Chemical characterization**

- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 91995-40-3 EINECS: 295-301-9 Index number: 649-494-00-5	Distillates (petroleum), dewaxed light paraffinic, hydrotreated Carc. Cat. 2; ☠ T, ☠ N; R 45-51/53	≥ 95,0%
CAS: 9004-96-0	etoksilat oleinske kisline ☠ Xi; R 38	< 5,0%

- **Additional information:**

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

Contains < 3 % (w/w) polycyclic aromatic compounds.

4 First aid measures

- **General information:** Immediately remove any clothing soiled by the product.

- **After inhalation:**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

- **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

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- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.
- **Information for doctor:**
- **Treatment**
If swallowed or in case of vomiting, danger of entering the lungs.
Later observation for pneumonia and pulmonary oedema.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
Water haze
Fire-extinguishing powder
Alcohol resistant foam
Dry sand
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards caused by the substance, its products of combustion or resulting gases:**
In case of fire, the following can be released:
Carbon monoxide (CO)
Sulphur dioxide (SO₂)
- **Protective equipment:** Mouth respiratory protective device.
- **Additional information**
Cool endangered receptacles with water spray.
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

- **Person-related safety precautions:** Particular danger of slipping on leaked/spilled product.
- **Measures for environmental protection:**
Do not allow to enter sewers/ surface or ground water.
Inform respective authorities in case of seepage into water course or sewage system.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of the material collected according to regulations.
- **Additional information:** See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.

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8 Exposure controls/personal protection

- **Additional information about design of technical facilities:**

No further data; see item 7.

- **Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **Additional information:** The lists valid during the making were used as basis.

- **Personal protective equipment:**

- **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Do not eat, drink, smoke or sniff while working.

Wash hands before breaks and at the end of work.

- **Respiratory protection:** Not required.

- **Protection of hands:**

Oil resistant gloves

Rubber gloves

- **Material of gloves**

Rubber gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Goggles recommended during refilling

- **Body protection:** Protective work clothing

9 Physical and chemical properties

- **General Information**

Form:	Fluid
Colour:	Dark yellow
Odour:	Mineral-oil-like

- **Change in condition**

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: > 350 °C

- **Flash point:** > 120 °C

- **Self-igniting:** Product is not selfigniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Density at 20 °C:** 0,85 - 0,91 g/cm³

- **Solubility in / Miscibility with**

water: Not miscible or difficult to mix.
With water forms emulsion.

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10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:**
Carbon monoxide and carbon dioxide
Sulphur oxides (SO_x)

11 Toxicological information

- **Acute toxicity:**
- **LD/LC50 values relevant for classification:**
The product has not been tested. Following data are introduced on the basis of knowledge of similar products.
EC50: 1000 mg/l (Daphnia magna); 48 h
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 Ecological information

- **Information about elimination (persistence and degradability):**
This product is according to previous experiences inert and non-degradable.
- **Ecotoxic effects:**
- **Remark:** Toxic for fish
- **General notes:**
Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water
Do not allow product to reach ground water, water course or sewage system, even in small quantities.

13 Disposal considerations

- **Product:**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:**
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.
Dispose of packaging according to regulations on the disposal of packagings.

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14 Transport information

- **Land transport ADR/RID (cross-border)**

- **Remarks:** Not applicable.

- **Maritime transport IMDG:**

- **IMDG Class:** -

- **Remarks:** Not applicable.

- **Air transport ICAO-TI and IATA-DGR:**

- **Remarks:** Not applicable.

15 Regulatory information

- **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

- **Code letter and hazard designation of product:**



N Dangerous for the environment

- **Hazard-determining components of labelling:**

Distillates (petroleum), dewaxed light paraffinic, hydrotreated

- **Risk phrases:**

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

- **Safety phrases:**

2 Keep out of the reach of children.

29 Do not empty into drains.

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

61 Avoid release to the environment. Refer to special instructions/safety data sheets.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant R-phrases**

38 Irritating to skin.

45 May cause cancer.

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

- *** Data compared to the previous version altered. 16.02.2007**