

# Material Safety Data Sheet

## Relating to 93/112/EC

### Urilock® - blocking liquid

Date of Issue: 01.11.05

Version: 04

#### Urilock® Material Safety Data Sheet.

<b>1. Substance/Preparation and Company Identifications</b>  - Trade Name: <b>Urilock®</b> - blocking liquid no content of hazardous ingredients - Supplier: Uridan a/s Tel: + 45 74 52 65 10 Snerlevej 3 Fax: + 45 74 52 71 71 6100 Haderslev - Responsible department: Oleochemicals - Emergency telephone number: + 45 74 52 65 10 email: <a href="mailto:uridan@uridan.com">uridan@uridan.com</a>
<b>2. Composition/Information of ingredients</b>  - Identity: Rapeseed oil, fully refined 0.02% Solventblue 36 – solventblue 59 1.50% Perfume orange 7783 - CAS No.: 8002-13-9 - Substances representing health hazards (R-phrases): None
<b>3. Identification of Hazards</b>  - Critical hazards to humans and the environment: None
<b>4. First Aid Procedures</b>  - General Recommendations: No immediate medical attention required - Inhalation: No vapour appears at normal working temperature. - Skin Contact: Wash with water and soap - Eye contact: Rinse with plenty of water, if discomfort persists, seek medical attention - Ingestion: Not dangerous, edible vegetable oil. - Advice for the doctor: This safety data sheet. Accident with vegetable oil of edible quality.
<b>5. Fire Fighting Measures</b>  - Suitable fire extinguisher: Water mist, foam, dry powder and CO <sub>2</sub> - Unsuitable fire extinguisher: Water jet - Special exposure hazards: Formation of carbon monoxide is possible - Protective equipment: Suitable respiratory protection
<b>6. Accidental Release Measures</b>  - Personal precautions: Avoid contact with eyes, skin and clothes. - Environmental precautions: Keep away from drains, surface and ground water. - Methods for cleaning up: Remove spillage. Use absorbent material. Clean with hot water and detergent. - Further measures: Reference is made to headings 8 and 13.

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#### 7. Handling and Storage

- Handling: Handle with care and avoid spillage on the floor (spillage can cause a slippage hazard)
- Measures for safety Handling: Consider normal working hygiene.
- Measures for fire Protection: Keep away from open fire.
- Storage conditions: Store in cool and dry place in original packaging or store in a tank of stainless steel at 10°C above the melting point under nitrogen blanket.
- Measures for storage Rooms and tanks: No special measures.
- Incompatible materials: Prooxidants

#### 8. Exposure Control / Personal Protection

- Further measures to the Design of technical Equipment: No further advice; see Heading 7.
- **Specific control parameters**
- Respiratory protection: In case of aerosol formation, use dust filter mask.
- Hand protection: No special measures
- Eye protection: Usage of safety glasses / goggles is recommended.
- Skin protection: No special measures

#### 9. Physical and Chemical Properties

- Appearance: Blue liquid
- Odour: Bland
- pH value: not relevant, insoluble in water.

##### Information related to safety:

	<u>Value / Range</u>	<u>Unit</u>
Boiling point	> 300	°C
Melting point (cloud point):	5	°C
Flash point:	> 200	°C
Autoflammability:	Not possible	
Explosive properties:	Not applicable	
Vapour pressure at 200°C	< 0.01	mmHg
Density at 25°C	0.90 – 0.92	g / ml
Solubility in water:	Insoluble	
Solubility in fat:	Soluble in vegetable oils	
Partition coefficient n-Octanol/water:	Irrelevant, insoluble in water	
Dynamic viscosity at 25°C	46	mPa s

#### 10. Stability and Reactivity

- Stability: Generally stable, becomes rancid on prolonged exposure to air.
- Conditions to avoid: Oxidation promoting conditions (eg. Heat and sunlight)
- Materials to avoid: Proxidants
- Hazardous decomposition Products: None

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#### 11. Toxicological Information

- Acute toxicity, LD<sub>50</sub>- The product is a non-toxic fully refined vegetable oil of edible quality. LD<sub>50</sub> >5000 mg/kg body weight.
- Short and long term effects On exposure: Based on the constituents and tests reported on similar products there are no negative effects to be expected on exposure.
- Experience from human Exposure: By oral administration, there are no adverse effects reported. Dermal application is regarded as safe (based on CIR Cosmetic Ingredient Safety Assessments reported in JACT).
- Information on contaminants: The product does not contain toxic impurities. The product is of food grade quality.

#### 12. Ecological information

- General Information: The information given is based on the evaluation of the constituents and ecotoxic data on similar products.
- Mobility: Floats on water. At room temperature it is a liquid. Immobilises by absorption to soil particles.
- Degradability: Readily biodegradable.
- Accumulation: The product is mineralised into CO<sub>2</sub> and H<sub>2</sub>O
- Aquatic toxicity: Not soluble in water. Not poisonous for aquatic organisms.
- Further information: Presents no ozone depletion potential. The product is CO<sub>2</sub> neutral.

#### 13. Disposal Considerations

- Substance / Preparation: Disposal according to the local authorities' advice. May be burned together with household waste if this is accepted by the authorities.
- Contaminated packaging: Disposal according to the local authorities' advice.

#### 14. Transport Information

- Land transport, ADR/RID And GGVS/GGVE Not classified
- Sea transport, IMDG/GGVSee Not classified
- Air transport, ICAO-TI and IATA-DGR: Not classified
- Transport / further Information: Not a hazardous product according to these transport Classifications.

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#### 15. Regulatory Information

- Classification according To EC directives: The product is not classified as a dangerous material.
- Symbols and phrases According to health hazards (R- and S-phrases): None
- Dangerous substances To label: None
- Further information: Recipients are reminded to refer to any other national measure that may be relevant.

#### 16. Other Information

- Use and restrictions: The information in this safety data sheet is accurate to the best of our knowledge and is valid for the product delivered. This information only describes safety measures and is no liability whatsoever arising out of the use, application, adaption or processing of the preparation described herein.

#### 17. Disclaimer

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