

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: uriLOCK

Article number: UD1231

1.2 Relevant identified uses of the substance or mixture and uses advised against

Application of the substance / the mixture Blocking fluid for waterless uridan urinals.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

uridan waterless solutions GmbH
Sandfeld 5
A-2100 Stetten
T: +43 660 696 33 54

Further information obtainable from:

Magdalena Schachinger
E-mail: m.schachinger@uridan.com

1.4 Emergency telephone number:

+43 660 696 33 54
Available during office hours:
Mo - Th: 9. a. m. - 4 p. m.

Call the national emergency number!

* SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS08

Signal word Danger

Hazard-determining components of labelling:

White mineral oil, petroleum

Hazard statements

H304 May be fatal if swallowed and enters airways.

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Trade name: uriLOCK

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Precautionary statements

- P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P331 Do NOT induce vomiting.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: The mixture does not contain PBT substances $\geq 0,1$ %.

vPvB: The mixture does not contain vPvB substances $\geq 0,1$ %.

SECTION 3: Composition/information on ingredients


3.2 Mixtures

Description:

Mixture of the following ingredients with non-hazardous additives as well as additives below the relevant limits.

Contains fragrances and colourings.

Dangerous components:

CAS: 8042-47-5	White mineral oil, petroleum	> 50 – ≤ 100%
EINECS: 232-455-8	 Asp. Tox. 1, H304	
Reg.nr.: 01-2119487078-27-xxxx		

Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

In case of discomfort or doubt, seek medical advice.

If unconscious, use a stable lateral position and do not administer anything through mouth.

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact:

Wash with plenty of soap and water.

Take off contaminated clothing.

Seek medical treatment in case of complaints.

After eye contact:

Rinse opened eye for several minutes under running water.

Remove contact lenses, if present and easy to do. Continue rinsing.

Seek medical treatment in case of complaints.

After swallowing:

Rinse mouth with cold water. DO NOT induce vomiting. Danger of aspiration!

Call a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

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4.3 Indication of any immediate medical attention and special treatment needed

Depending on the condition of the patients, the doctor must assess the symptoms and the overall general condition.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

CO_x, NO_x, SO_x

Hydrocarbons

5.3 Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Restricted access to the affected area until cleaning work is completed.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Avoid contact with skin and eyes.

Do not breathe vapour/spray.

Keep away from ignition sources.

Particular danger of slipping on leaked/spilled product.

6.2 Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow large quantities to enter drains/surface water/groundwater.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of the material collected according to regulations.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure adequate ventilation.

Keep receptacles tightly sealed.

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Avoid contact with skin and eyes.
Prevent formation of aerosols.
Avoid breathing mist/vapours/spray.
Use personal protective equipment as required.
Observe protective measures and safety instructions.

Information about fire - and explosion protection: Keep ignition sources away - Do not smoke.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store in a dry, cool, well-ventilated area.
Store only in the original receptacle.
Prevent any seepage into the ground.
Protect from heat and direct sunlight.
Store in accordance with local/regional/national/international regulations.

Information about storage in one common storage facility: Store away from oxidising agents.

Further information about storage conditions:

Keep container tightly sealed.
Store in a cool place.

Storage class: 10

7.3 Specific end use(s) No further relevant information available.

*** SECTION 8: Exposure controls/personal protection**

8.1 Control parameters

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.

Observe the member state specific regulations!

DNELs

CAS: 8042-47-5 White mineral oil, petroleum

Oral	Long-term exposure - systemic effects	25 mg/kg bw/d (consumer)
Dermal	Long-term exposure - systemic effects	93.02 mg/kg bw/d (consumer) 217.05 mg/kg bw/d (workers)
Inhalative	Long-term exposure - systemic effects	34.78 mg/m ³ (consumer) 164.56 mg/m ³ (workers)

PNECs No data available.

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

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Do not eat or drink while working.

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Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Do not inhale gases / fumes / aerosols.

Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of the hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the respective supplier.

Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation.

Protection of hands:



Protective gloves

EN 374

Material of gloves

Material recommendation:

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.4 mm

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.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Penetration time of glove material

Breakthrough time: >240 min

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

Eye protection:



Tightly sealed goggles

EN 166

Body protection: Protective work clothing

Limitation and supervision of exposure into the environment

Do not allow large quantities to enter drains/surface water/groundwater.

Inform respective authorities in case of seepage into water course or sewage system.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form: Fluid

Colour: Green

Odour: Mild

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Odour threshold:	No information available.
pH-value:	Not applicable.
Change in condition	
Melting point/freezing point:	-6 °C No information available.
Initial boiling point and boiling range:	No information available.
Flash point:	154 °C
Flammability (solid, gas):	Not applicable.
Decomposition temperature:	No information available.
Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	No information available.
Upper:	No information available.
Oxidising properties	No information available.
Vapour pressure at 20 °C:	0.013 kPa
Density at 20 °C:	0.83 – 0.85 g/cm ³
Vapour density	No information available.
Evaporation rate	Not determined.
Solubility in / Miscibility with water:	Insoluble.
Partition coefficient: n-octanol/water:	Not determined.
Viscosity:	
Dynamic:	No information available.
Kinematic at 40 °C:	14.5 – 17.5 mm ² /s
9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- 10.1 Reactivity** No further relevant information available.
- 10.2 Chemical stability** No decomposition if used and stored according to specifications.
- 10.3 Possibility of hazardous reactions** Reacts with oxidising agents.
- 10.4 Conditions to avoid** Protect from heat and direct sunlight.
- 10.5 Incompatible materials:**
strong oxidizing agents
strong acids
Strong alkalis.
strong reducing agents

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10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

CAS: 8042-47-5 White mineral oil, petroleum

Oral	LD50	> 5,000 mg/kg (rat)
Dermal	LD50	> 2,000 mg/kg (rabbit)
Inhalative	LC50/4h	> 5,000 mg/m ³ (rat)

Primary irritant effect:

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

Other information:

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard

May be fatal if swallowed and enters airways.

*** SECTION 12: Ecological information**

12.1 Toxicity

Aquatic toxicity:

CAS: 8042-47-5 White mineral oil, petroleum

LC50 (96 h)	> 1,000 mg/l (fish) (Leuciscus idus)
LL50 (48 h)	> 100 mg/l (daphnia) (Daphnia magna)
NOEL (72 h)	≥ 100 mg/l (algae) (Pseudokirchneriella subcapitata)

12.2 Persistence and degradability

Weißes Mineralöl:

Not easily biodegradable

Biodegradability: 31.13 % (28 d)

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

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Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

PBT: The mixture does not contain PBT substances $\geq 0,1$ %.

vPvB: The mixture does not contain vPvB substances $\geq 0,1$ %.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system. Only dispose of product residues via authorised companies according to local legislation.

European waste catalogue

Notes: The European Waste Catalogue (EWC) classifies waste materials and categorises them according to what they are and how they were produced. This may cause other classifications. The final decision belongs to the last user.

13 08 99*	wastes not otherwise specified
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Uncleaned packaging:

Recommendation:

Dispose of packaging according to regulations on the disposal of packagings.

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

SECTION 14: Transport information

14.1 UN-Number

ADR/RID/ADN, ADN, IMDG, IATA not regulated

14.2 UN proper shipping name

ADR/RID/ADN, ADN, IMDG, IATA not regulated

14.3 Transport hazard class(es)

ADR/RID/ADN, ADN, IMDG, IATA

Class not regulated

14.4 Packing group

ADR/RID/ADN, IMDG, IATA not regulated

14.5 Environmental hazards: Not applicable.

14.6 Special precautions for user Not applicable.

14.7 Transport in bulk according to Annex II of

Marpol and the IBC Code Not applicable.

UN "Model Regulation": not regulated

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* SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 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 phrases

H304 May be fatal if swallowed and enters airways.

Training hints

Before handling, storage or use for the first time, employees must be informed about the properties of the substance and about measures taken to ensure safety and environmental protection.

Classification according to Regulation (EC) No 1272/2008

Aspiration hazard	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.
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Department issuing SDS:

UmEnA GmbH

<http://umena.at>

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Asp. Tox. 1: Aspiration hazard – Category 1

* Data compared to the previous version altered.