

## 1 Identification

### Product identifier

Trade name: **uriLOCK**

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

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

### Details of the supplier of the safety data sheet

#### Manufacturer/Supplier:

SUMS Group Pty Ltd  
6/20 Narabang Way  
Belrose NSW 2085  
Tel: 02 9986 2700

#### Further information obtainable from:

Margrethe Ingemann  
Email: margrethem@sums.com.au

#### Emergency telephone number:

02 9986 2700/0450 321 965

Use your national or local emergency number  
See section 4 "First Aid Measures"

## 2 Hazard(s) Identification

### Classification of the substance or mixture

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

### Label elements

#### GHS label elements

The product is classified and labelled according to the Globally Harmonised System (GHS).

#### Hazard pictograms



GHS08

**Signal word** Danger

#### Hazard-determining components of labelling:

White mineral oil, petroleum  
Lemon oil  
Dinkum oil

#### Hazard statements

May be fatal if swallowed and enters airways.

#### Precautionary statements

If medical advice is needed, have product container or label at hand.

(Contd. on page 2)

**Trade name: uriLOCK**

(Contd. of page 1)

Keep out of reach of children.

IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

Do NOT induce vomiting.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Other hazards**

**Results of PBT and vPvB assessment**

**PBT:** The mixture does not contain PBT substances.

**vPvB:** The mixture does not contain vPvB substances.

**3 Composition and Information on Ingredients**

**Chemical characterisation: 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	Asp. Tox. 1, H304	99.401%
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**Additional information:** For the wording of the listed hazard phrases refer to section 16.

**4 First Aid Measures**

**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 and wash before reuse.

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.

**Information for doctor:**

**Most important symptoms and effects, both acute and delayed**

No further relevant information available.

(Contd. on page 3)

**Trade name: uriLOCK**

(Contd. of page 2)

**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.

**5 Fire Fighting Measures**

**Extinguishing media**

**Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**For safety reasons unsuitable extinguishing agents:** Water with full jet

**Special hazards arising from the substance or mixture**

In case of fire, the following can be released:

CO<sub>x</sub>, NO<sub>x</sub>, SO<sub>x</sub>

Hydrocarbons

**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.

\* **6 Accidental Release Measures**

**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.

**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.

**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.

**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.

**7 Handling and Storage**

**Handling:**

**Precautions for safe handling**

Ensure adequate ventilation.

(Contd. on page 4)

**Trade name: uriLOCK**

(Contd. of page 3)

Keep receptacles tightly sealed.  
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.

**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

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

**\* 8 Exposure controls and personal protection**

**Additional information about design of technical facilities:** No further data; see item 7.

**Control parameters**

**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!

<b>DNELs</b>		
<b>CAS: 8042-47-5 White mineral oil, petroleum</b>		
Oral	Long-term exposure - systemic effects	40 mg/kg bw/d (consumer)
Dermal	Long-term exposure - systemic effects	93 mg/kg bw/d (consumer)
		220 mg/kg bw/d (workers)
Inhalative	Long-term exposure - systemic effects	35 mg/m <sup>3</sup> (consumer)
		160 mg/m <sup>3</sup> (workers)

**PNECs** No data available.

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

**Exposure controls**

**Personal protective equipment:**

**General protective and hygienic measures:**

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

(Contd. on page 5)

**Trade name: uriLOCK**

(Contd. of page 4)

Keep away from foodstuffs, beverages and feed.  
Do not eat or drink while working.  
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

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.

Recommended thickness of the material:  $\geq 0.4$  mm

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.

**9 Physical and Chemical Properties**

**Information on basic physical and chemical properties**

**General Information**

**Appearance:**

**Form:** Fluid

(Contd. on page 6)

**Trade name: uriLOCK**

(Contd. of page 5)

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

## 10 Stability and Reactivity

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

(Contd. on page 7)

Trade name: uriLOCK

(Contd. of page 6)

**Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological Information

### Information on toxicological effects

#### Acute toxicity

**LD/LC50 values relevant for classification:**

#### ATE (Acute Toxicity Estimates)

Dermal	LD50	> 2,012 mg/kg (rabbit)
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#### CAS: 8042-47-5 White mineral oil, petroleum

Oral	LD50	> 5,000 mg/kg (rat)
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Dermal	LD50	> 2,000 mg/kg (rabbit)
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Inhalative	LC50/4h	> 5,000 mg/m <sup>3</sup> (rat)
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#### Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

## \* 12 Ecological Information

### Toxicity

#### Aquatic toxicity:

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

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

Weißes Mineralöl:

Not easily biodegradable

Biodegradability: 31.13 % (28 d)

#### Behaviour in environmental systems:

**Bioaccumulative potential** No further relevant information available.

**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

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

#### Results of PBT and vPvB assessment

**PBT:** The mixture does not contain PBT substances.

**vPvB:** The mixture does not contain vPvB substances.

**Other adverse effects** No further relevant information available.

(Contd. on page 8)

**Trade name: uriLOCK**

(Contd. of page 7)

### 13 Disposal considerations

#### 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.

#### 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.

### 14 Transport information

#### UN-Number

ADG, ADN, IMDG, IATA not regulated

#### UN proper shipping name

ADG, ADN, IMDG, IATA not regulated

#### Transport hazard class(es)

ADG, ADN, IMDG, IATA

Class not regulated

#### Packing group

ADG, IMDG, IATA not regulated

Environmental hazards: Not applicable.

Special precautions for user: Not applicable.

Transport in bulk according to Annex II of Marpol and the IBC Code: Not applicable.

UN "Model Regulation": not regulated

### 15 Regulatory information

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

##### Australian Inventory of Chemical Substances

All ingredients are listed.

##### Standard for the Uniform Scheduling of Medicines and Poisons

CAS: 84929-31-7	Lemon oil	S5
CAS: 7440-22-4	silver	S2

#### GHS label elements

The product is classified and labelled according to the Globally Harmonised System (GHS).

(Contd. on page 9)

**Trade name: uriLOCK**

(Contd. of page 8)

### Hazard pictograms



GHS08

**Signal word** Danger

#### Hazard-determining components of labelling:

White mineral oil, petroleum

Lemon oil

Dinkum oil

#### Hazard statements

May be fatal if swallowed and enters airways.

#### Precautionary statements

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

Do NOT induce vomiting.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

#### Directive 2012/18/EU

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

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

## 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.

#### 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

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)

(Contd. on page 10)

**Trade name: uriLOCK**

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(Contd. of page 9)

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.**

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