

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 14.09.2011




Version number 1

Revision: 14.09.2011

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

- **Date of issue:** 14.09.2011
- **Product identifier**
- **Trade name:** Beckensteine bakteriell
- **Relevant identified uses of the substance or mixture and uses advised against** no data available
- **Application of the substance / the preparation:** Toilet rim block
- **Details of the supplier of the safety data sheet**
- **Manufacturer / Supplier:**
URIMAT
Schweiz AG
Feldbachstr. 81
CH-8741 Feldbach
Schweiz
Tel.: + 41 (0)55 251 52 30
Fax: + 41 (0)55 251 52 31
- **E-mail address of the competent person responsible for the Safety Data Sheet:** info@urimat.com
- **Informing department:** Sales / Technics
- **Emergency telephone number:**
Schweiz, Toxikologisches Informationszentrum (STIZ), Zürich Tel. 145 innerhalb der Schweiz
(24h)

2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
-  Xn; Harmful
R22: Harmful if swallowed.
-  Xi; Irritant
R38-41: Irritating to skin. Risk of serious damage to eyes.
- R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Classification system:**
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.
- **Label elements**
- **Labelling according to EU guidelines:**
The product has been classified/labelled in accordance with EC Directives / relevant national laws.
- **Code letter and hazard designation of product:**
-  Xn Harmful
- **Hazard-determining components of labelling:**
Alkyl(C10-C13)benzenesulfonic acid, sodium salt
- **Risk phrases:**
22 Harmful if swallowed.
38 Irritating to skin.
41 Risk of serious damage to eyes.
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Safety phrases:**
2 Keep out of the reach of children.
13 Keep away from food, drink and animal feedingstuffs.
25 Avoid contact with eyes.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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- 29 Do not empty into drains.
36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
46 If swallowed, seek medical advice immediately and show this container or label.

- **Special labelling of certain preparations:**
Contains Dipentene, Subtilisin, 3,7-dimethyl-1,6-octadien-3-ol, Geraniol. May produce an allergic reaction.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 68411-30-3 EINECS: 270-115-0	Alkyl(C10-C13)benzenesulfonic acid, sodium salt ☒ Xn R22; ☒ Xi R38-41 ⚠ Acute Tox. 3, H301 ⚠ Eye Dam. 1, H318 ⚠ Skin Irrit. 2, H315	25-50%
CAS: 68140-00-1 EINECS: 268-770-2	Coconut fatty acid, monoethanolamide ☒ Xi R41 ⚠ Eye Dam. 1, H318	2.5-10%
CAS: 138-86-3 EINECS: 205-341-0 Index number: 601-029-00-7	Dipentene ☒ Xi R38; ☒ Xi R43; ☒ N R50/53 R10 ⚠ Flam. Liq. 3, H226 ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410 ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	< 2.5%
CAS: 9014-01-1 EINECS: 232-752-2 Index number: 647-012-00-8	Subtilisin ☒ Xi R37/38-41; ☒ Xn R42 ⚠ Resp. Sens. 1, H334 ⚠ Eye Dam. 1, H318 ⚠ Skin Irrit. 2, H315; STOT SE 3, H335	< 2.5%
CAS: 78-70-6 EINECS: 201-134-4	3,7-dimethyl-1,6-octadien-3-ol ☒ Xi R36/38; ☒ Xi R43 ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	< 2.5%
CAS: 106-24-1 EINECS: 203-377-1	Geraniol ☒ Xi R36/38; ☒ Xi R43 ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	< 2.5%
CAS: 76-22-2 EINECS: 200-945-0	Camphor ☒ Xi R36/37/38; ☒ F R11 ⚠ Flam. Sol. 2, H228 ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	< 2.5%

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

- **Ingredients according to Regulation (EC) No 648/2004:**

anionic surfactants	≥ 30%
soap	< 5%
perfumes (LIMONENE, LINALOOL, GERANIOL), enzymes	

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4 First aid measures

- **Description of first aid measures**
- **General information:**
Symptoms of poisoning may occur after several hours. Medical observation for at least 48 hours after the accident is recommended.
- **After inhalation:**
Unlikely route of exposure
In case of unconsciousness bring patient into stable side position for transport.
- **After skin contact:**
Instantly wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult doctor.
- **After swallowing:**
Induce vomiting.
Instantly call for doctor.
Rinse out mouth and then drink plenty of water.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents**
Carbon dioxide (CO₂), extinguishing powder or water spray/fog. Fight larger fires with water spray/fog or alcohol-resistant foam.
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **Special hazards arising from the substance or mixture** Carbon monoxide (CO) and Carbon dioxide (CO₂)
- **Advice for firefighters**
- **Protective equipment:** Wear self-contained breathing apparatus.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation.
Avoid contact with skin and eyes.
- **Environmental precautions:**
Do not allow large quantities of product to reach sewage system or water bodies.
Inform respective authorities in case of a large amount of product reaches water or sewage system.
Do not allow to enter drainage system, surface or ground water.
Inform respective authorities in case product reaches water or sewage system.
- **Methods and material for containment and cleaning up:**
Wash area with plenty of water.
Ensure adequate ventilation.
Collect mechanically.
Send for recovery or disposal in suitable containers.
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 information on disposal.

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7 Handling and storage

- **Handling**
- **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Avoid contact with skin and eyes.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:**
Observe all local and national regulations for storage of water polluting products.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed containers.
Store container in a well ventilated position.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with critical values that require monitoring at the workplace:**
Observe all workplace limits for dust.

76-22-2 Camphor (< 1.0%)

WEL (Great Britain)	Short-term value: 19 mg/m ³ , 3 ppm
	Long-term value: 13 mg/m ³ , 2 ppm

- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**
Instantly remove any contaminated garments.
Avoid contact with the eyes and skin.
Wash hands during breaks and at the end of the work.
Use skin protection cream for preventive skin protection.
Do not eat, drink or smoke while working.
Keep away from foodstuffs, beverages and food.
- **Breathing equipment:** Use breathing protection in case of dust formation.
- **Protection of hands:**
Use protective gloves on prolonged contact.
Protective gloves
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Check the permeability prior to each renewed use of the glove.
To avoid skin problems reduce the wearing of gloves to the required minimum.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
- **Material of 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.

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· Penetration time of glove material

Protective gloves should be replaced at first signs of wear.

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

Penetration time: ≥ 8 hours**· Eye protection:** Tightly sealed safety glasses**· Body protection:**

Light weight protective clothing

Protective work clothing

Protective clothing should be selected specifically for the working place.

9 Physical and chemical properties**· Information on basic physical and chemical properties****· General Information****· Appearance:****Form:** solid in various forms**Colour:** blue**· Smell:** product specific**· Odour threshold:** not determined**· pH-value:** Not applicable.**· Change in condition****Melting point/Melting range:** not determined**Boiling point/Boiling range:** not applicable**· Flash point:** not applicable**· Inflammability (solid, gaseous)** Not determined.**· Ignition temperature:****Decomposition temperature:** Not determined.**· Self-inflammability:** Product is not selfigniting.**· Danger of explosion:** Product is not explosive.**· Critical values for explosion:****Lower:** Not determined.**Upper:** Not determined.**· Vapor pressure:** Not applicable.**· Density:** not determined**· Relative density** Not determined.**· Vapour density (AIR = 1):** Not applicable.**· Evaporation rate** Not applicable.**· Solubility in / Miscibility with****Water:** not determined**· Segregation coefficient (n-octanol/water):** Not determined.**· Viscosity:****dynamic:** Not applicable.**kinematic:** Not applicable.**Organic solvents:** 0.9 %**Solids content:** 95.4 %

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· **Other information**

Further informations please refer to technical data sheet.

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:**
Alkaline materials
Strong acids
Strong oxidizing agents
- **Hazardous decomposition products:**
Sulphur oxides (SO_x)
Nitrogen oxides (NO_x)
Carbon monoxide (CO) and Carbon dioxide (CO₂)

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:****68411-30-3 Alkyl(C10-C13)benzenesulfonic acid, sodium salt**

Oral LD50 200 - 2000 mg/kg (rat)

138-86-3 Dipentene

Oral LD50 5300 mg/kg (rat)

9014-01-1 Subtilisin

Oral LD50 2000 mg/kg (rat)

- **Primary irritant effect:**
- **on the skin:**
Irritant for skin and mucous membranes.
Dust particles may mechanically irritate the skin.
- **on the eye:**
Strong irritant with the danger of severe eye injury.
Dust particles may mechanically irritate the eye.
- **Sensitization:** Contains sensitising substances. May produce an allergic reaction.
- **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:
Harmful
Irritant
- **Sensitisation** Contains sensitising substances. May produce an allergic reaction.

12 Ecological information· **Toxicity**· **Aquatic toxicity:****68411-30-3 Alkyl(C10-C13)benzenesulfonic acid, sodium salt**

EC50/48 h 1 - 10 mg/l (water flea (daphnia magna))

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EC50/72 h 10 - 100 mg/l (algae (*Scenedesmus subspicatus*))LC50/96 h 1 - 10 mg/l (carp (*cyprinus carpio*))**138-86-3 Dipentene**EC50/48 h 17 mg/l (water flea (*daphnia magna*)) (ECOTOX Database)LC50/96 h 80 mg/l (rainbow trout (*oncorhynchus mykiss*)) (ECOTOX Database)

- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Harmful to fish
- **Additional ecological information:**
- **General notes:**
The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) N° 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
Water hazard class 2 (Self-assessment): hazardous for water
Harmful to aquatic organisms
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation** Disposal must be made according to official regulations.
- **Waste disposal key number:** According to local/national regulations.
- **European waste catalogue:**
Waste disposal key numbers from EWC have to be assigned depending on origin and processing.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|--|-----------------|
| · UN-Number | Void |
| · ADR, ADN, IMDG, IATA | Void |
| · UN proper shipping name | Void |
| · ADR, ADN, IMDG, IATA | Void |
| · Transport hazard class(es) | Void |
| · ADR, ADN, IMDG, IATA | Void |
| · Class | Void |
| · Packing group | Void |
| · ADR, IMDG, IATA | Void |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |

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· **Transport/Additional information:** *Not dangerous according to the above specifications.*

15 Regulatory information

- *Safety, health and environmental regulations/legislation specific for the substance or mixture*
- **Designation according to EC guidelines:**
The product has been classified/labelled in accordance with EC Directives / relevant national laws.
- **Code letter and hazard designation of product:**



Xn Harmful

- **Hazard-determining components of labelling:**
Alkyl(C10-C13)benzenesulfonic acid, sodium salt
- **Risk phrases:**
 - 22 *Harmful if swallowed.*
 - 38 *Irritating to skin.*
 - 41 *Risk of serious damage to eyes.*
 - 52/53 *Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.*
- **Safety phrases:**
 - 2 *Keep out of the reach of children.*
 - 13 *Keep away from food, drink and animal feedingstuffs.*
 - 25 *Avoid contact with eyes.*
 - 26 *In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.*
 - 29 *Do not empty into drains.*
 - 36/37/39 *Wear suitable protective clothing, gloves and eye/face protection.*
 - 46 *If swallowed, seek medical advice immediately and show this container or label.*
- **Special designation of certain preparations:**
Contains Dipentene, Subtilisin, 3,7-dimethyl-1,6-octadien-3-ol, Geraniol. May produce an allergic reaction.
- **National regulations**
- **Information about limitation of use:** *Employment restrictions concerning young persons must be observed.*
- **Decree to be applied in case of technical fault:** -
- **Water hazard class:** *Water hazard class 2 (Self-assessment): hazardous for water*
- **Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
The(se) R- resp. H-phrase(s) are those of the ingredient(s) and do(es) not necessarily represent the classification of the preparation.
- H226 *Flammable liquid and vapour.*
- H228 *Flammable solid.*
- H301 *Toxic if swallowed.*
- H315 *Causes skin irritation.*
- H317 *May cause an allergic skin reaction.*
- H318 *Causes serious eye damage.*
- H319 *Causes serious eye irritation.*

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- H334 *May cause allergy or asthma symptoms or breathing difficulties if inhaled.*
H335 *May cause respiratory irritation.*
H400 *Very toxic to aquatic life.*
H410 *Very toxic to aquatic life with long lasting effects.*
- R10 *Flammable.*
R11 *Highly flammable.*
R22 *Harmful if swallowed.*
R36/37/38 *Irritating to eyes, respiratory system and skin.*
R36/38 *Irritating to eyes and skin.*
R37/38 *Irritating to respiratory system and skin.*
R38 *Irritating to skin.*
R41 *Risk of serious damage to eyes.*
R42 *May cause sensitisation by inhalation.*
R43 *May cause sensitisation by skin contact.*
R50/53 *Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.*

· Department issuing MSDS:

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Parkstraße 29 Fax: +49 - 2151 - 652086-9
D-47829 Krefeld
Germany

· Sources: *These data are based on information submitted by pre-suppliers.*

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