

Safety Data Sheet

Subject to Regulation (EC) No1907/2006 of the European Parliament and of the Council EC 1907/2006
as amended by Council Directive (EU) 2015/830

Version: 2.0 Revision date: 1.6.2017
Creation date in ENG: 15.5.2015 Replacement of version: all previous versions

Beckensteine-Toilet Pellets - OCEAN

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier:**
Beckensteine-Toilet Pellets - OCEAN
- 1.1.1 Other identifier**
Product identification number: 09253
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
cleaning and deodorizing product for WC, intended for insertion in urinals / pissoires deodorizes WC rooms, blocks scale formation
- 1.3 Details of the supplier of the safety data sheet:**
- 1.3.1 Company specification**
STYL, družstvo pro chemickou výrobu
Václavské náměstí 831/21, 110 00 Praha 1, Czech Republic
Tel. Nr. +420 315 577 600
E-Mail: stylvd@stylvd.cz
- 1.3.2 Distributor:**
Otto Oehme GmbH
Industriestraße 20
90584 Allersberg
Tel. 0049 (0)9176 / 98 05 -0
Fax 0049 (0)9176 / 98 05 -50
info@oehme-lorito.de, www.oehme-lorito.de
- 1.3.2 A person qualified and responsible for safety data sheet in the Czech Republic:**
e-mail: stylvd@stylvd.cz
- 1.4 Emergency telephone number in the Czech Republic:**
+420 602 414 051 or Poison centre Na Bojišti 1, 128 08 Praha2,
Phone nonstop 224 919 293, 224 915 402, or (only during the day 224 914 575)
Information relevant in the country of distribution to be added.

SECTION 2 HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**
- 2.1.1 Classification according to EU Regulation no. 1272/2008**
Skin Irrit. 2 H315
Eye Dam. 1 H318
Aquatic Chronic 3 H412
The full text of "H-phrases" is stated in Section 16 of this Safety Data Sheet.
- 2.1.2 The most serious adverse physico-chemical effects**
Not known
- 2.1.3 The most serious adverse effects on human health**
Causes skin irritation, Causes serious eye damage
- 2.1.4 The most serious adverse effects on the environment**
Harmful to aquatic life with long lasting effects.
- 2.2 Label elements**
- 2.2.1 The label elements in accordance with Regulation no. (EC) no. 1272/2008**



DANGER

H315 Causes skin irritation.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

P102 Keep out of reach of children

P264 Wash hands thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection.

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

Safety Data Sheet

Subject to Regulation (EC) No1907/2006 of the European Parliament and of the Council EC 1907/2006
as amended by Council Directive (EU) 2015/830

Version: 2.0 Revision date: 1.6.2017
Creation date in ENG: 15.5.2015 Replacement of version: all previous versions

Beckensteine-Toilet Pellets - OCEAN

P305+P351+P338+P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

P501 Dispose of contents/container to a dangerous waste collection point.

EUH208 Contains Benzyl salicylate. May produce an allergic reaction.

Contains: Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide; amides, C12-18(even-numbered) and C18(unsatd.), N-hydroxyethyl; Sulfuric acids, C14-C17-sec-alkane, sodium salts.

Contains: 15 - < 30% anionic surfactants; 5 - < 15% nonionic surfactants; perfumes (Benzyl Salicylate; Linalool; Limonene; Butylphenyl methylpropional; Coumarin; Eugenol)

2.3 Other hazards

The mixture does not meet the criteria for PBT or vPvB in accordance with Annex XIII of EU Regulation 1907/2006.

SECTION 3 COMPOSITION/ INFORMATION ON INGREDIENTS

3.2 Mixtures

Hazardous substances:	Index No. EINECS. CAS No. Registration No.	Content (% ww)	Classification Classification acc. (EC) No. 1272/2008
Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide	- 932-051-8 - 01-2119490234-40-xxxx	<30	Skin Irrit. 2 H315 Eye Dam. 1, H318 Aquatic Chronic 3 H412
amides, C12-18(even-numbered) and C18(unsatd.), N-hydroxyethyl	- 292-481-0 90622-77-8 01-2119489413-33-xxxx	< 2	Skin Irrit. 2 H315 Eye Dam. 1, H318 Aquatic Chronic 2 H411
Sulfuric acids, C14-C17-sec-alkane, sodium salts	- 307-055-2 97489-15-1 01-2119489924-20-xxxx	< 2	Acute Tox 3 H312 Skin Irrit. 2 H315 Eye Dam. 1, H318 Aquatic Chronic 3 H412
Benzyl Salicylate	- 204-262-9 118-58-1 -	< 0,6	Eye Irrit. 2, H319 Skin Sens. 1B, H317 Aquatic Chronic 3,H412

Full text of H-phrases is described in Section 16 of this Safety Data Sheet

SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures

4.1.1 General information

No adverse health effects are expected under normal conditions of use. Observe all user considerations and safety measures stated on the packaging. In case of any health problem or uncertainty seek medical attention and provide information from this Material Safety Data Sheet. Unconscious persons place in the stabilized position and observe the breathing. Never give any fluids to unconscious persons.

4.1.2 Inhalation:

No health hazards are expected. In case of rare problems following the dust inhalation, remove the affected persons to a fresh air. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation. Call immediately medical emergency.

4.1.3 Eye contact:

Remove contact lenses if used. Immediately rinse eyes with clean and lukewarm running water for at least 15 min. Eyes should be wide open especially to rinse under eyes lids. Seek medical advice if the pain or eye redness persists.

4.1.4 Skin contact:

Immediately remove all soiled or stained clothing. Wash the affected area immediately and repeatedly with soap and water. Seek medical advice if the skin irritation persists.

4.1.5 Ingestion:

Safety Data Sheet

Subject to Regulation (EC) No1907/2006 of the European Parliament and of the Council EC 1907/2006
as amended by Council Directive (EU) 2015/830

Version:

2.0

Revision date:

1.6.2017

Creation date in ENG:

15.5.2015

Replacement of version: all previous versions

Beckensteine-Toilet Pellets - OCEAN

If swallowed, rinse mouth with water (only if the person is conscious) and give 0,5 l of lukewarm water. **Do not induce vomiting!** In case of spontaneous vomiting avoid aspiration of the vomits. Get medical attention and show product package, label or this Safety Data Sheet!

4.2 Most important symptoms and effects, both acute and delayed.

Not known

4.3 Indication of any immediate medical attention and special treatment needed

In standard use immediate medical attention is not needed required only if the symptoms become more pronounced.

SECTION 5 FIREFIGHTING MEASURES

5.1 Extinguishing media

5.1.1 Suitable extinguishing media:

water spray, foam, dry-powder, carbon dioxide

5.1.2 Unsuitable extinguishing media:

water spray, foam, dry-powder, carbon dioxide

5.2 Special hazards arising from the substance or mixture:

Non-flammable. In case of fire: incomplete combustion and high-temp thermolysis may produce toxic, irritating and flammable decomposition products (thick black smoke, carbon monoxide, carbon dioxide and other products of organic compounds decomposition). Inhalation of decomposition (pyrolytic) can harm human health.

5.3 Advice for fire fighters:

Wear positive-pressure self-contained breathing apparatus (SCBA).

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non - emergency personnel

Avoid direct contact of moist product or concentrated solution with skin, eyes and mucous membranes. Use appropriate sorbents for concentrated solutions. Do not inhale vapours or exhalants from overheated product. Use appropriate protective gloves and goggles. See Section 7 and 8 for advice on the minimum requirements for safe manipulation and personal protective equipment.

6.1.2 For emergency responders

See section 8

6.2 Environmental precautions

Stop leak if you can do so without risk. Confine the spill immediately with booms. Avoid entering soil, surface- and ground-waters, drains, cellars or other closed rooms. In case of serious leakage inform appropriate authorities.

6.3 Methods and material for containment and cleaning up

Collect mechanically appropriate containers. If the mixture was diluted and spilled, use appropriate sorbents (sand, diatomite, kaolin, vapex etc.). Collect to appropriate containers with closing covers. All containers should be appropriately labeled. If sorbents were used, these have to be handled as hazardous waste. Dispose all picked-up materials according to valid legislation (see Section 13) as hazardous waste. Clean up affected areas with lot of water.

6.3 Reference to other sections

Adhere to instructions in the section 8 and 13.

SECTION 7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin, eyes and mucous membranes. Observe all user considerations, safety measures and exposure limits. Adhere to all personal protection and work safety regulations. Do not eat, drink or smoke during the work with the product. Avoid eating, drinking, and smoking during handling. See Section 8.2 for advice on the minimum requirements for personal protective equipment.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed original packages. Store in dry, bounded areas protected from weather, with appropriate ventilation. Product is hygroscopic, avoid humidity and contact with water before use. Keep away from direct sunlight, heat and ignition sources. Recommended storage temperature: 5 - 30°C. Keep out of the reach of children. Store separately from food, drinks and animal feed.

Note: Recommended transport temperature: 5 - 30°C. Transport in closed and clean transport vehicles, protected from weather, humidity. Avoid strong impacts or dropping. Product is hygroscopic, avoid humidity and contact with water before use.

7.3 Specific end use(s)

cleaning and deodorizing product for WC sanitation

Safety Data Sheet

Subject to Regulation (EC) No1907/2006 of the European Parliament and of the Council EC 1907/2006
as amended by Council Directive (EU) 2015/830

Version: 2.0 Revision date: 1.6.2017
Creation date in ENG: 15.5.2015 Replacement of version: all previous versions

Beckensteine-Toilet Pellets - OCEAN

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Substances for which following concentration of occupational exposure limit values are set (COMMISSION DIRECTIVE 2000/39/EC as amended)

Chemical name	CAS Number	Eight hours	Short-term
-			

The lists valid during the making were used as basis.

Information relevant in the country of distribution to be added

8.1.2 Values DNEL and PNEC

Mixture values are not available.

8.1.2.1 Values DNEL for the mixture components

DNEL values:

reaction product of benzenesulfonic acid, 4-C10-13-sec-alkyl. derivates and benzenesulfonic acid, 4-methyl- and sodium hydroxid

workers

dermal, long-term systemic effects: 170 mg/kg/den

inhalation, long-term systemic effects: 12 mg/m³

consumers / general public

oral, long-term systemic effects: 0,85 mg/kg/den

inhalation, long-term systemic effects: 3 mg/m³

dermal, long-term systemic effects: 85 mg/kg/den

amides, C12-18 and C18(unsatd.), N-hydroxyethyl

workers

dermal, long-term systemic effects: 4,16 mg/kg/den

inhalation, long-term systemic effects: 73,4 mg/m³

consumers / general public

oral, long-term systemic effects: 6,25 mg/kg/den

inhalation, long-term systemic effects: 21,73 mg/m³

dermal, long-term systemic effects: 2,5 mg/kg/den

Sulfonic acids, C14-17-sec-alkane, sodium salts

workers

dermal, long-term systemic effects: 5 mg/kg/den

inhalation, long-term systemic effects: 35 mg/m³

consumers / general public

oral, long-term systemic effects: 7,1 mg/kg/den

inhalation, long-term systemic effects: 12,4 mg/m³

dermal, long-term systemic effects: 3,57 mg/kg/den

PNEC values:

reaction product of benzenesulfonic acid, 4-C10-13-sec-alkyl. derivates and benzenesulfonic acid, 4-methyl- and sodium hydroxid

fresh water: 0,268 mg/l

marine water: 0,027 mg/l

sediment (fresh water): 8,1 mg/kg

sediment (marine water): 8,1 mg/kg

water - intermittent release: 0,055 mg/l

STP: 5,6 g/l

soil: 35 mg/kg dry matter

amides, C12-18 and C18(unsatd.), N-hydroxyethyl

fresh water: 0,007 mg/l

marine water: 0,001 mg/l

sediment (fresh water): 1,201 mg/kg

sediment (marine water): 0,12 mg/kg

water - intermittent release: 0,03 mg/l

STP: 0,830 g/l

Sulfonic acids, C14-17-sec-alkane, sodium sa

fresh water: 0,04 mg/l

Safety Data Sheet

Subject to Regulation (EC) No1907/2006 of the European Parliament and of the Council EC 1907/2006
as amended by Council Directive (EU) 2015/830

Version: 2.0 Revision date: 1.6.2017
Creation date in ENG: 15.5.2015 Replacement of version: all previous versions

Beckensteine-Toilet Pellets - OCEAN

marine water: 0,004 mg/l
sediment (fresh water): 9,4 mg/kg
sediment (marine water): 0,94 mg/kg
water - intermittent release: 0,006 mg/l
STP: 0,6 g/l
soil: 9,4 mg/kg dry matter

8.1.3 Exposure scenarios

Currently not handled

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure adequate ventilation. Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation.

8.2.2 Individual protection measures, such as personal protective equipment

When selecting protective equipment, the employer must ensure that relevant standards are met. To avoid any doubts, a manufacturer's delivery certificate should be available. It must be ensured that correct protective equipment is available to potential users.

8.2.2.1 A General hygienic and protective measures

Avoid contact with skin, eyes and mucous membranes. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned.

8.2.2.2 Respiratory protection

Under standard usage not necessary

8.2.2.3 Hand protection

Not needed when manipulating with the product originally wrapped. When manipulating with unwrapped product avoid contact with skin. Chemical-resistant gloves are always recommended

8.2.2.4 Eye protection

Not needed when manipulating with the product originally wrapped. When manipulating with unwrapped product avoid contact with eyes. If contact is likely, safety glasses with side shields are recommended (EN 166).

8.2.2.5 Protecting skin (the whole body)

After work, Wash hands with warm water and soap and Use suitable skin care products.

8.2.3 Environmental exposure controls

Avoid entering sewage/canalization systems, soil, surface- and ground-waters. Observe general precautions specified in sections 6 and 12.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	solid, wax like substance
Odour	according to specification: used perfume
Odour Threshold	Not specified
pH	5-8
Melting point/freezing point	information not available
Boiling point/boiling range	information not available
Flash point	information not available
Evaporation rate	information not available
Flammability (solid, gas)	not flammable
Upper/lower flammability or explosive limits	not explosive
Vapour pressure	information not available
Vapour density	information not available
Relative density	information not available
Solubility In water	soluble in water
Partition coefficient: n-octanol/water	information not available
Auto-ignition temperature	information not available - not flammable
Decomposition temperature	information not available
Viscosity	information not available
Explosive properties	no explosive properties
Oxidising properties	no oxidative properties

9.2 Other information

Safety Data Sheet

Subject to Regulation (EC) No1907/2006 of the European Parliament and of the Council EC 1907/2006
as amended by Council Directive (EU) 2015/830

Version: 2.0 Revision date: 1.6.2017
Creation date in ENG: 15.5.2015 Replacement of version: all previous versions

Beckensteine-Toilet Pellets - OCEAN

Data not available

SECTION 10 STABILITY AND REACTIVITY

10.1 Reactivity

Under normal conditions of storage and manipulation the mixture is not reactive.

10.2 Chemical stability

Mixture is chemically stable under normal conditions of storage and manipulation for 36 months. Store at temperature below 50°C. Product is hygroscopic, avoid humidity and contact with water before use

10.3 Possibility of hazardous reactions

No known under normal conditions of storage and manipulation.

10.4 Conditions to avoid

Do not mix with other mixtures. The product is hygroscopic, avoid humidity and contact with water before use. Store at temperature below 50°C.

10.5 Incompatible materials

Not known under standard conditions. Avoid direct contact with porous or damaged surfaces, which could be pigmented by the product.

10.6 Hazardous decomposition products

Material does not decompose at ambient temperatures. Overheating and thermolysis may produce dangerous carbon and sulphur/nitrogen oxides and thick smoke.

SECTION 11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

11.1.1 Mixture

For mixture relevant toxicological data are not available. The mixture was evaluated by calculation methods

Acute toxicity:	does not meet the classification criteria
Skin corrosion/ irritation:	Causes skin irritation
Serious eye damage/irritation:	Causes serious eye damage
Skin sensitisation/ Respiratory sensitisation:	does not meet the classification criteria
Germ cell mutagenicity:	Data not available
Carcinogenicity:	Data not available
Reproductive toxicity	Data not available
STOT-single exposure:	does not meet the classification criteria
STOT-repeated exposure:	does not meet the classification criteria
Aspiration hazard:	does not meet the classification criteria

11.1.2 Mixture components

reaction product of benzenesulfonic acid, 4-C10-13-sec-alkyl. derivates and benzenesulfonic acid, 4-methyl- and Sodium hydroxid

LD50 Oral - rat: > 2000 mg/kg

Amides, C12-18 and C18 (unsatd.), N-hydroxyethyl

LD50 Oral - rat: > 5000 mg/kg

LD50 Dermal - rabbit: > 2000 mg/kg

Sulfonic acids, C14-17-sec-alkane, sodium salts

LD50 Oral - rat: > 2000 mg/kg

11.3 Further information:

Contradiction between the data for components of the product and the actual effect on humans. The mixture is evaluated by conventional computational methods.

SECTION 12 ECOLOGICAL INFORMATION

12.1 Toxicity

For mixture relevant toxicological data are not available. The mixture was evaluated by calculation methods

Mixture components

reaction product of benzenesulfonic acid, 4-C10-13-sec-alkyl. derivates and benzenesulfonic acid, 4-methyl- and Sodium hydroxid

LC50, fishes, 96 h: 1 - 10 mg/l

EC50, aquatic invertebrates, 48 h: 1 - 10 mg/l (*Daphnia sp.*)

IC50, algae, 72 h: 10 - 100 mg/l

amides, C12-18 and C18(unsatd.), N-hydroxyethyl

Safety Data Sheet

Subject to Regulation (EC) No1907/2006 of the European Parliament and of the Council EC 1907/2006
as amended by Council Directive (EU) 2015/830

Version: 2.0 Revision date: 1.6.2017
Creation date in ENG: 15.5.2015 Replacement of version: all previous versions

Beckensteine-Toilet Pellets - OCEAN

LC50, fishes, 96 h: 10 - 100 mg/l
EC50, aquatic invertebrates, 48 h: 10 - 100 mg/l (*Daphnia sp.*)
EC50, algae, 96 h: 1 - 10 mg/l

Sulfonic acids, C14-17-sec-alkane, sodium salts

LC50, fishes, 96 h: 1 - 10 mg/l
EC50, aquatic invertebrates, 48 h: 9,8 mg/l

12.2 Persistence and degradability

No data for the mixture. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.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.

12.3 Bioaccumulative potential

Data not available

12.4 Mobility in soil

Data not available

12.5 Results of PBT and vPvB assessments

Not available

12.6 Other adverse effects

Not known

SECTION 13 DISPOSAL CONSIDERATION

13.1 Waste treatment methods

It is recommended to dispose all rests in authorized dangerous waste facility. Disposal has to comply all local legal requirements on wastes.

Substance or mixture disposal methods:

Dispose in accordance with the valid waste legislation. Do not dispose as a common household waste. Dispose in a certified hazardous waste facility. According to the European Waste Catalogue waste codes are not specific for product, but for its use. Therefore, appropriate waste code should assign final user according to his specific use. Empty packages wash carefully with water and recycle.

13.1.2 Recommended waste classification

13.1.3.1 Mixture

Proposed waste classification, based on common use:

Waste catalog code: 16 03 05

13.1.3.2 Packaging

Proposed waste classification, based on common use:

Waste catalog code: 15 01 10

SECTION 14 TRANSPORT INFORMATION

14.1	UN number	The mixture is not classified as dangerous for transport
14.2	UN proper shipping name	not applicable
14.3	Transport hazard class (es)	not applicable
14.4	Packing group	not applicable
14.5	Environmental hazards	not applicable
14.6	Special precautions for users	not applicable
14.7	Transport in bulk according to Annex II MARPOL and IBC Code	not applicable

SECTION 15 REGULATORY INFORMATION

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

Regulation (EC) No1907/2006 of the European Parliament and of the Council of 18. December 2006 on Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)

Regulation EC No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

The European Agreement Concerning the International carriage of dangerous goods by road (Agreement ADR)

Safety Data Sheet

Subject to Regulation (EC) No1907/2006 of the European Parliament and of the Council EC 1907/2006
as amended by Council Directive (EU) 2015/830

Version: 2.0 Revision date: 1.6.2017
Creation date in ENG: 15.5.2015 Replacement of version: all previous versions

Beckensteine-Toilet Pellets - OCEAN

NOTE: The stated regulatory information only indicate basic regulations described in this safety data sheet. Please note the possible existence of additional legislation complementing these regulations. Refer to all applicable national, international and local regulations and directives.

15.2 Chemical safety assessment

Not carried out yet

SECTION 16 OTHER INFORMATION

16.1 Full text of H phrases according to Regulation EU 1272/2008

H312 Harmful in contact with skin.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

16.2 Advice on any training appropriate for workers

Common training for handling hazardous chemicals and mixtures, occupational safety training. Persons manipulating with the product have to understand all information given in the Safety Data Sheet, use of individual protection measures, first aid measures and sanitation processes. Observe all user considerations a safety measures for manipulation with chemicals.

16.3 Information on sources of data used in the compilation of the Safety Data Sheet

Safety Data Sheet (SDS) contains information on safety use, occupational health protection, and environmental protection. The information contained herein is given in good faith and is accurate to the best of knowledge at the date indicated above and complies with valid legislation. This particular information cannot be considered as a warranty for appropriateness and usability of the product for any particular application.

16.4 Changes made to the previous version of the safety data sheet

It replaces all previous versions