

Safety Data Sheet (SDS)

Prepared in accordance with Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2015/830.

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

1.1. Product identifier:

Product Name: Urinal Deodorizing Biological Block

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

Used for deodorizing and cleaning purpose. Restrictions on use: No special restriction on use.

1.3. Details of the supplier of the safety data sheet:

Company: Shanghai Setbest Products Co.,Ltd.

Address: 808, 710 Dongfang Road Shanghai 200122 China

TEL: +86-21-50890438

FAX: +86-21-50890483

Email: info@setbest.com

1.4 Emergency telephone number:

Emergency telephone number: +86-21-50890438

2. Hazards identification

2.1. Classification of the substance or mixture:

2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP): No classification for this product.

2.1.2 Additional information: For full text of Hazard- and EU Hazard-statements: see SECTION 16.

2.2. Label elements

.Labelling according to Regulation (EC) No 1272/2008 [CLP]:

.Hazard Pictograms: Not applicable.

.Signal Word: Not applicable.

.Hazard Statements:

No relevant classification for this product.

Note: Although there is no relevant GHS classification for this product, the possible potential hazards should not be ignored.

Dust or fume from processing or thermal decomposition may cause eye irritation. May be harmful if swallowing.

.Precautionary Statements:

No special requirement.

.Response Precautionary Statements:

No special requirement.

.Storage precautionary statements:

No special requirement.

.Disposal precautionary statements:

No special requirement.

2.3 Other hazards: not found.

3. Composition/information on ingredients

Product description: substance (); preparation/mixture (√)

Name		CAS No.	EC No.	Index No	REACH registration number	% by weight	
Sodium chloride		7647-14-5	231-598-3	Not available	Not available	75.0-76.0%	
Sodium dodecylbenzenesulfonate		25155-30-0	246-680-4	Not available	Not available	7.0-7.5%	
Sodium stearate		822-16-2	212-490-5	Not available	Not available	4.8-5.2%	
Sodium oleate		143-19-1	205-591-0	Not available	Not available	4.3-4.8%	
Sodium palmitate		408-35-5	206-988-1	Not available	Not available	4.3-4.8%	
Water		7732-18-5	231-791-2	Not available	Not available	2.5-3.0%	
Coco amido betaine		61789-40-0	263-058-8	Not available	Not available	0.3-0.5%	
Fragrance	Orange oil	8008-57-9	600-006-9	Not available	Not available	≥10<50	0.2-0.3%
	Linalool	78-70-6	201-134-4	603-235-00-2	Not available	≥1<7	
	Citronellol	106-22-9	203-375-0	Not available	Not available	≥1<5	
	Decanal	112-31-2	203-957-4	Not available	Not available	≥1<5	
	Alpha-Terpi neol	10482-56-1	233-986-8	Not available	Not available	≥0.1<2	
	Citral	5392-40-5	226-394-6	605-019-00-3	Not available	≥0.1<2	
Pigment		Not available	Not available	Not available	Not available	Not available	

Classification according to Regulation (EC) No 1278/2008 (CLP):

Name		CAS No.	Classification according to Regulation (EC) No 1278/2008 (CLP).	
			Hazard Class and Category Code (s)	Hazard statement Code (s)
Sodium chloride		7647-14-5	Not available	Not available
Sodium dodecylbenzenesulfonate		25155-30-0	Not available	Not available
Sodium stearate		822-16-2	Not available	Not available
Sodium oleate		143-19-1	Not available	Not available
Sodium palmitate		408-35-5	Not available	Not available
Water		7732-18-5	Not available	Not available
Coco amido betaine		61789-40-0	Not available	Not available
Fragrance	Orange oil	8008-57-9	Skin Sens. 1B	H317
	Linalool	78-70-6	Not available	Not available

	Citronellol	106-22-9	Not available	Not available
	Decanal	112-31-2	Skin Irrit. 2 Skin Sens. 1	H315 H317
	Alpha-Terpineol	10482-56-1	Not available	Not available
	Citral	5392-40-5	Not available	Not available
Pigment		Not available	Not available	Not available

4. First aid measures

4.1. Description of first aid measures:

Following eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Following skin contact: Wash with plenty water, If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Following inhalation: No special measures as there is no hazard for inhalation. If discomfort occurs after inhaling dust or fume from processing or thermal decomposition, remove to a place where air is fresh.

Following ingestion: Do not induce vomiting without professional instruction. Get medical attention if discomfort occurs.

Self-protection of the first aider: No special requirement.

4.2. Most important symptoms/effects, acute and delayed: Acute effect: Not found. Delayed effect: Not found.

4.3. Indication of any immediate medical attention and special treatment needed: Treat according to symptoms.

5. Fire-fighting measures

5.1. Extinguishing Media:

Suitable extinguishing media: This product is not flammable, as for a fire caused by surrounding ignition sources, choose proper extinguishers according to fire types. Seek advice from local fire-fighting authority.

Unsuitable Extinguishing Media: Discharging cylinder shape water from fire hose may lead to spread fire to the surroundings.

5.2. Special hazards arising from the substance or mixture:

Hazardous combustion products: The product is not flammable, no special danger.

5.3. Advice for firefighters:

For initial fire, use dry powder, carbon dioxide, etc.

For large fire, it is effective to use fire foam, etc. to shut off air supply.

Fire-fighters must wear self-contained breathing apparatus and full protective equipment (e.g. fire-retardant clothing).

Deny unnecessary entry to the place around the fire.

Remove containers from fire area if it can be done without risk.

Cool surrounding facilities, etc. with water spray.

Extinguish fire from upwind, and the fire extinguishing method should be appropriate to the situation in the surroundings.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures: Use proper personal protective equipment as indicated in Section 8.

6.2. Environmental Precautions: Keep cleaning run-offs out of municipal sewers and open bodies of water. Comply with local and national laws and regulations.

6.3. Methods and materials for containment and cleaning up:

Due to the nature of this product, there is no special measure for collection.

Collect it into a proper container for disposal.

Avoid generating dust during collection and clean-up.

6.4. Reference to other sections:

For more information, please refer to Section 8 and Section 13.

7. Handling and storage

7.1. Precautions for safe handling:

Wash hands thoroughly after handling.

Avoid damage of packaging or containers during handling.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions: Store it in a well-ventilated, cool and dry store room. The storeroom should be equipped with proper facilities for accidental fire.

Incompatible materials: No special requirement for this product.

Packaging materials: Plastic bags.

Requirements for storage rooms and vessels: Well-ventilated and dry.

Storage class

Further information on storage conditions: No special requirement for this product.

7.3. Specific end use(s): Used for deodorizing and cleaning purpose.

8. Exposure controls/personal protection

8.1. Control parameters:

Ingredients	COSHH Workplace exposure limits-TWA	OSHA PEL-TWA	ACGIH TLV-TWA
Not applicable	Not applicable	Not applicable	Not applicable

8.2 Exposure controls

8.2.1 Appropriate engineering controls:

If user operations generate mist/vapours, use ventilation to keep exposure to airborne contaminants in a proper range.

Install eye washer and safety shower near handling and storage area.

Indicate the location of this facility with clear and prominent.

8.2.2 Personal protection equipment:

.Protection of Hands:

Recommend wearing protective gloves for industrial hygienic purpose.



Protection of Eyes:

No special requirements under normal conditions. Wear safety glasses when working in a dusty environment.

Respiratory Protection:

No special requirements under normal conditions. Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms occur.

Protection of Body:

Recommend wearing general working clothing.

.General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Prevent dust from processing entering eyes.

8.2.3 Environmental exposure controls:

Maintain levels below Community environmental protection thresholds.

9. Physical and chemical properties

General Information	
Appearance	Solid
Colour	Vinous
Odour	Vinous
Odour threshold	No data available
pH	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	This product is not classified as flammable solid.
Flammable/Explosive Limits-Lower Vol %	Not applicable
Flammable/Explosive Limits-Upper Vol %	Not applicable
Vapour pressure	No data available
Vapour density	No data available
Density	Approx. 2.5~2.6g/cm ³ (water=1)
Solubility	Soluble in water
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available

10. Stability and reactivity

10.1. Reactivity: No information available.

10.2. Chemical stability: This product is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3. Possibility of hazardous reactions: No information available.

10.4. Conditions to avoid: High temperature.

10.5. Incompatible materials: No special requirement for this product.

10.6. Hazardous decomposition products: No information available.

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity:

Ingredient (s)	CAS No.	LD ₅₀ /LC ₅₀ (Median lethal dose)
Sodium chloride	7647-14-5	Acute toxicity (Oral) LD ₅₀ : 3,550mg/kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ > 10,000mg/kg (rat) Data source: ECHA
Sodium dodecylbenzenesulfonate	25155-30-0	Acute toxicity (Oral) LD ₅₀ : 650mg/kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ > 2,000mg/kg (rat) Data source: ECHA
Linalool	78-70-6	Acute toxicity (Oral) LD ₅₀ : 2,790 mg/kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ : 5,610 mg/kg (rabbit) Data source: ECHA
Alpha-Terpineol	10482-56-1	Acute toxicity (Oral) LD ₅₀ : 5,075 mg/kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ > 2,000 mg/kg (rat) Data source: ECHA
Citronellol	106-22-9	Acute toxicity (Oral) LD ₅₀ : 3,450 mg/kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ : 2,650 mg/kg (rabbit) Data source: ECHA
Citral	5392-40-5	Acute toxicity (Oral) LD ₅₀ : 6,800 mg/kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ > 2,000 mg/kg (rat) Data source: ECHA
Decanal	112-31-2	Acute toxicity (Oral) LD ₅₀ : 33,320 mg/kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ : 5.04 ml/kg (rabbit) Data source: ECHA
Orange oil	8008-57-9	Acute toxicity (Oral) LD ₅₀ > 5,000 mg/kg (rat) Data source: National Library of Medicine (NLM) Acute toxicity (Dermal) LD ₅₀₀ > 5,000 mg/kg (rabbit) Data source: National Library of Medicine (NLM)
Classification of the whole product:		Not classified.

Skin corrosion/irritation	Sodium dodecylbenzenesulfonate (CAS: 25155-30-0): Category 2 (Data source: ECHA, HSDB) Alpha-Terpineol (CAS: 10482-56-1): Category 2 (Data source: ECHA) Citronellol (CAS: 106-22-9): Category 2 (Data source: ECHA) Citral (CAS: 5392-40-5): Category 2 (Data source: CLP) Classification of the whole product: not classified.
Serious eye damage/eye irritation	Sodium dodecylbenzenesulfonate (CAS: 25155-30-0): Category 2 (Data source: ICSC, Korean Occupational Health and Safety Agency (KOSHA)) Alpha-Terpineol (CAS: 10482-56-1): Category 1 (Data source: ECHA) Citronellol (CAS: 106-22-9): Category 2 (Data source: ECHA) Decanal (CAS: 112-31-2): Category 2 (Data source: ECHA) Classification of the whole product: not classified.
Sensitisation, skin	Linalool (CAS: 78-70-6): Category 1B (Data source: CLP) Citronellol (CAS: 106-22-9): Category 1B (Data source: ECHA) Citral (CAS: 5392-40-5): Category 1 (Data source: CLP) Classification of the whole product: not classified.
Sensitisation, respiratory	No classification for this product.
Germ cell mutagenicity	No classification for this product.
Carcinogenicity	No classification for this product.
Reproductive Toxicity	No classification for this product.
Summary of evaluation of the CMR properties	No classification for this product.
STOT-single exposure	No classification for this product.
STOT-repeated exposure	No classification for this product.
Aspiration hazard	No classification for this product.

12. Ecological information

12.1. Toxicity:

Sodium chloride (CAS: 7647-14-5):

96h-LC₅₀: 5,840mg/L, fish

48h-LC₅₀: 874mg/L, invertebrates

Data source: ECHA

Sodium dodecylbenzenesulfonate (CAS: 25155-30-0):

96h-LC₅₀: 35.601 mg/L, fish

48h-LC₅₀: 23.265 mg/L, invertebrates

Data source: ECHA

Linalool (CAS: 78-70-6):

96h-LC₅₀: 27.8 mg/L, fish

48h-EC₅₀: 59 mg/L, invertebrates

Data source: ECHA

Alpha-Terpineol (CAS: 10482-56-1):

96h-LC₅₀: 62.3 mg/L, fish

24h-EC₅₀: 123.9 mg/L, invertebrates

Data source: ECHA

Citronellol (CAS: 106-22-9):

96h-LC₅₀: 14.66 mg/L, fish

48h-EC₅₀: 17.48 mg/L, invertebrates

Data source: ECHA

Citral (CAS: 5392-40-5):

96h-LC₅₀: 6.78 mg/L, fish

48h-EC₅₀: 6.8 mg/L, invertebrates

Data source: ECHA

Decanal (CAS: 112-31-2):

96h-LC₅₀: 2.1 mg/L, fish

48h-EC₅₀: 1.94 mg/L, invertebrates

Data source: ECHA

Classification of the whole product: Not classified.

12.2. Persistence and Degradability:

Abiotic Degradation: No information available.

Physical- and photo-chemical elimination: No information available.

Biodegradation: No information available.

12.3. Bioaccumulative Potential:

Partition coefficient n-octanol /water (log K_{ow}): No information available.

Bioconcentration factor (BCF): No information available.

12.4. Mobility in Soil:

No information available.

12.5. Results of PBT and vPvB Assessment:

No information available.

12.6. Other adverse effects:

Not found.

12.7. Additional information:

No information available.

13. Disposal Considerations

13.1 Waste treatment methods

13.1.1 Product / Packaging disposal:

Do not allow product to reach sewage system.

Do not throw it into any open bodies of water.

After contents are completely removed, dispose of its container at hazardous or special waste collection point.

Waste recycling must be operated strictly according to relevant regulations.

Waste codes / waste designations according to LoW:

EWC code: 20 01 29

In other countries different conditions might be valid. All national and local laws have to be considered.

13.1.2 Waste treatment-relevant information:

Paste a label on the container indicating the possible hazards of the waste.

13.1.3 Sewage disposal-relevant information:

Do not discharge waste into sewage without any treatment.

13.1.4 Other disposal recommendations: Any disposal practice must be in compliance with country, local, state, and federal laws and regulations.

14. Transport Information

ADR and RID / Air-Transportation- IATA/ICAO/Sea-Transportation-IMO/IMDG.:

14.1. UN number: Not applicable.

14.2. UN proper shipping name: Not regulated.

14.3. Transport hazard class (es): Not applicable.

14.4. Packing group: Not applicable.

14.5. Assigned Pictogram: Not applicable.

14.6. Environmental hazards (Marine Pollutant (Yes/No)): No.

14.7. MS NO.: Not applicable

14.8. Special precautions for user: Check whether the package is completed or sealed before transporting; make sure no damage of packages and prevent goods from falling down during transporting; the transport vehicle should be equipped with facilities for fire-fighting and accidental release handling; do NOT transport this product together with incompatible substances; stay away from fire and areas of high temperature during stopovers.

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

15. Regulatory information

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

.Candidate List of Substances of very high concern (SVHC) according to ECHA: Not listed.

.REACH Regulation Annex XVII Regulation List: Not listed.

.REACH Regulation Annex XIV Authorization List: Not listed.

.Germany – WGK: Not classified.

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

15.3. Other relevant regulations:

.Sara:

.Section 355 (extremely hazardous substances): Not listed.

.SARA 313: Not listed.

.Toxic Substances Control Act (TSCA):

Ingredients with specific CAS numbers are listed in the U.S. Toxic Substances Control Act Chemicals Substance Inventory List.

.Clean Water Act:

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA – Hazardous Substances
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Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
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.Carcinogenicity categories: Not listed by ACGIH, IARC and NTP.

16. Other information

DISCLAIMER: Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

References:

EC No.1907/2006 (REACH)

EC No. 1272/2008 (CLP)

Commission Regulation (EU) 2015/830

For full text of Hazard- and EU Hazard-statements:

Not applicable

Not applicable

Classification according to Regulation (EC) Nr. 1272/2008

No classification for this product.

Classification procedure

Not applicable

Full description of some acronyms:

CAS-Chemical Abstracts Service

EINECS-European Inventory of Existing Commercial Chemical Substances

IMO-International Maritime Organization

IMDG-International Maritime Dangerous Goods

IATA-International Air Transport Association

ICAO-International Civil Aviation Organization

TSCA-Toxic Substances Control Act

OSHA-Occupational Safety and Health Administration

ACGIH-American Conference of Governmental Industrial Hygienists

DFGOT-Occupational Toxicants Critical Data Evaluation for MAK Values and Classification of Carcinogens Vol. 1-20.

RTECS- Registry of Toxic Effects of Chemical Substances NIOSH CD-ROM

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*****The End*****