



Material Safety Data Sheet

1 Identification of the substance/preparation and of the company

.Product details:

.Product name: Urinal Deodorizing Block

.Application of the substance: Used for deodorizing and cleaning purpose.

.Manufacturer/Supplier: TAIZHOU HUANGYAN BIGGIE COMMODITY CO., LTD.
SHABUYE INDUSTRIAL ZONE, HUANGYAN, TAIZHOU, ZHEJIANG, CHINA.

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.Further information obtainable from: TAIZHOU HUANGYAN BIGGIE COMMODITY CO., LTD.

.Information in case of emergency: TAIZHOU HUANGYAN BIGGIE COMMODITY CO., LTD.

Contact: ADAM DAI

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2 Composition/information on ingredients

Hazardous Ingredient (s)		
CAS: 7757-82-6 EINECS: 231-820-9	Anhydrous sodium sulfate R22, R36, R38	45%
CAS: 151-21-3 EINECS: 205-788-1	Sodium lauryl sulfate (K-12) R22, R36, R38	5%
CAS:-- EINECS: -- (Trade secret)	Soap granules R22, R36	20%
CAS:-- EINECS: -- (Trade secret)	Surfactant R22, R36	25%
Non-Hazardous Ingredient (s)		
CAS: 8002-74-2 EINECS: 232-315-6	Paraffin	3%
CAS: -- EINECS: -- (Trade secret)	Fragrance	1-3%
CAS: -- EINECS:-- (Trade secret)	Pigment	1%

Note: As for the full description of R-Phase, please refer to Section 15.



3 Hazards identification

.Potential Health Effects:

.Acute Effects:

.Contact with Eye: In case of contact with this product, it will cause irritation to eyes and symptoms may include redness and tear.

.Skin: No hazard is present for normal use, but irritating to broken skin. Repeated and long-term contact can cause irritation and skin dryness.

.Inhalation: It doesn't cause harm to respiratory tract under normal conditions. Long-term contact in close distances may cause irritation to respiratory tract.

.Ingestion: If it is swallowed, it will cause gastrointestinal irritation and symptoms may include nausea or vomiting.

.Chronic Effects: Not found.

.Carcinogenicity: Not listed as a carcinogen by IARC, NTP or OSHA.

.Other Information: Not applicable.

4 First aid measures

Persons using this product should consult a physician or other medical professional if an accident involving these products in injury. Specific first-aid measures are as follows:

.Eye Contact: In case of contact, immediately flush eyes with plenty of lukewarm water for several minutes. Get medical attention immediately if symptoms persist.

.Skin Contact: As there is no hazard present with normal use. Just wash it with water.

.Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Get medical attention.

Inhalation: Remove to fresh air if discomfort caused by inhaling high-density vapors of this product. Get medical care if discomfort persists.

Recommendation for doctors: For accident ingestion, gastric lavage can be adopted as a therapeutic method.

5 Fire-fighting measures

.Flash point: Not applicable

.Flammable/Explosive Limits-Lower Vol %: N/A

.Flammable/Explosive Limits-Upper Vol %: N/A

.Extinguishing Media: This product is not flammable. As for surrounding fire, dry chemical powder for small fire; Water spray, or alcohol resistant foam for large fire.

.Special Firefighting Procedures: Firefighters and others exposed to vapors from combustion should wear self-contained breathing apparatus. Evacuate unprotected personnel. Wear protective clothing.

.Unusual Fire and Explosion Hazards: None.

6 Accidental release measures

.Release Response: Due to the nature of this product, no special accidental release measures are normally



requirement. Uncontrolled release involving other materials released near this product should be responded to by appropriately trained personnel using preplanned procedures.

.Measures for environmental protection:

Do not allow product to reach sewage system or any water course.

Do not throw it away anywhere at random.

7 Handling and storage

.Handling: Do not breathe vapor or mist that may be evolved during processing. Workers must wear proper protective equipments and must operate strictly according to relative rules.

.Information about fire- and explosion protection:

Keep ignition sources away-Do not smoke.

.Storage:

.Requirements to be met by storerooms and receptacles: Store it in a well-ventilated, cool and dry store room.

.Conditions to be avoided: Heat, spark and open flame.

.Further information about storage condition: The storage area should be equipped with emergency equipments for leakage or fire.



8 Exposure controls/personal protection

.Workplace Exposure Limit (ACGIH)

Ingredient (s)	Long-term (8-hour) ppm mg.m ⁻³	Short-term (15-minute) ppm mg.m ⁻³
Paraffin (8002-74-2)	2 mg.m ⁻³ (fume)	6 mg.m ⁻³ (fume)

.Ventilation and Engineering controls:

No special ventilation and engineering controls are required for handling of this product.

.Personal Protective Equipment (for workers):

.Protection of Hands:



Wear protective gloves for hygienic purpose.

.Protection of Eyes:



Wear safety glasses.

.Respiratory Protection: No special requirements.

.Protection of Body:

Wear uniforms for hygienic purpose.

.General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Avoid contact with eyes and broken skin.

.Material of Gloves:

The selection of suitable gloves not only depends on the material, but also on quality which will vary from manufacturer to manufacturer.



9 Physical and chemical properties

.General Information	
Form:	Solid
Color:	Blue
Odor:	Lemon odor
.Change in condition	
.Melting point/Melting range:	884°C (Anhydrous sodium sulfate)
Boiling point/Boiling range:	Not applicable
.Flash point:	Not applicable
.Ignition Temperature:	Not applicable
.Self-Igniting:	This product is not self-igniting.
.Flammable/Explosive Limits-Lower Vol %:	N/A
.Flammable/Explosive Limits-Upper Vol %:	N/A
.Relative Density:	approx. 2.5~2.6g/cm ³ (water=1)
.Vapor pressure:	Not available
.Evaporation rate	Not available
.Solubility in/Miscibility with	
Water:	Not totally soluble in water
.PH-Value:	Not determined
.Viscosity:	Not applicable
.Volatility:	Not available

10 Stability and reactivity

- .Chemical Stability:** Stable under normal conditions.
- .Materials with which should be avoided:** Strong acids.
- .Hazardous polymerizations:** It will not occur.
- .Dangerous products of decomposition:** Not anticipated.
- .Conditions to Avoid:** Avoid exposure or contact to extreme temperatures.

11 Toxicological information

.Product Toxicity Data: This product is minimally toxic.

LD 50 data of components are shown in the table below:

Ingredient (s)	CAS No.	LD50
Anhydrous sodium sulfate	7757-82-6	5989mg/kg(Oral, mouse)
Sodium lauryl sulfate (K-12)	151-21-3	2000mg/kg(Oral, mouse)
Paraffin	8002-74-2	> 5000mg/kg(Oral, mouse)

.Irritation:

.Contact with Eye: In case of contact with this product, it will cause irritation to eyes and symptoms may



include redness and tear.

.Skin: No hazard is present for normal use, but irritating to broken skin. Repeated and long-term contact can cause irritation and skin dryness.

.Inhalation: It doesn't cause harm to respiratory tract under normal conditions. Long-term contact in close distances may cause irritation to respiratory tract.

.Ingestion: If it is swallowed, it will cause gastrointestinal irritation and symptoms may include nausea or vomiting.

.Chronic Effects: Not found.

.Carcinogenicity: Not listed as a carcinogen by IARC, NTP or OSHA.

.Sensitivity: Not found.

.Teratogenicity: Not found.

.Mutagenicity: Not found.

.Additional Toxicological Information:

To the best of our knowledge, the acute and chronic toxicity of this substance is not fully known.

No classification data on carcinogenic properties of this material is available from EPA, IARC, NTP, OSHA or ACGIH.

12 Ecological information

.Ecotoxicity: No environmental hazard is anticipated.

.Persistence and Degradability: This product is biodegradable.

.Bioaccumulative Potential: Not anticipated to bioaccumulative due to high water solubility.

.Mobility in Soil: As this product has high water solubility, it is likely to distribute to the aqueous environment.

.General Notes:

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Do not allow material to be released to the environment without proper governmental permits.

13 Disposal considerations

.Recommendation:

Must not be disposed together with household garbage.

Do not allow product to reach sewage system.

Disposal must be made according to official regulations.

Waste recycling must be operated strictly according to relevant regulations.



14 Transport information

.DOT Classification (49 CFR 172.102) for Bulk Shipments (non bulk shipments may differ): Not a DOT controlled material.

.Hazard class number and description:

.Packing Group: Not regulated.

.UN Identification: Not regulated.

.ICAO/IATA Class: Not controlled under IATA.

.IMDG Class: Not controlled under IMDG.

.ADR/RID Class: Not controlled under ADR (Europe)

.TGD Class: Not controlled under TDG (Canada)

.Attention:

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

15 Regulatory information

.TSCA 8 (b) Inventory Status: All components are listed on the TSCA Inventory.

.IRRITANT: Xi

.Risk phrase:

R22: Harmful if swallowed.

R36: Irritating to eyes.

R38: Irritating to skin.

.Safety phrase:

S2: Store it in a place where kids cannot touch it.

S62: Do not induce vomiting if it is swallowed. Seek medical attention immediately and show the label or container to the doctor.

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 Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

.Department issuing MSDS: TAIZHOU HUANGYAN BIGGIE COMMODITY CO., LTD.

.Emergency Telephone Number: +86-189-5760-2333

.Emergency Contact: ADAM DAI

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