

## Safety Data Sheet (SDS)

### 1 Identification of the substance and of the company

#### 1.1 Product identifier

**.Product name:** TOILET BOWL CLEANER

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

**.Application of the substance / the mixture:** Toilet Clean

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

**.Manufacturer/Supplier:** Yiwu Yucheng Biotechnology Co., Ltd

**.Address:** No. 92 Shangcheng Road, Shangxi Town, YiWu

**.Tel:** +86-188 5895 0036

**.Further information obtainable:** Yiwu Yucheng Biotechnology Co., Ltd

**.Emergency Contact:** Chen Wenxing

#### 1.4 Emergency telephone number

**.Emergency Telephone Number:** +86-183 5804 5690

### 2 Hazards identification

#### 2.1 Classification of the substance or mixture

**.Classification according to Regulation (EC) No 1272/2008:**

Skin irritation (Category 2);

Eye damage (Category 1);

Acute toxicity, swallowed (Category 4) ;

#### 2.2 Label elements

**.Labelling according to Regulation (EC) No 1272/2008:** The product is classified and labelled according to CLP Regulation.

**.Hazard pictograms:**



GHS07



GHS05

**.Signal word:** Caution

**.Hazard statement(s):**

H315 Causes skin irritation.

H318 Causes severe eye damage.

H302 Harmful if swallowed.

**.Precautionary statement(s):**

P264 Wash thoroughly after handling.

P280 Wear protective gloves / protective clothing / Wear protective goggles / face protecti.

P270 When using this product do not eat, drink or smoke.



**.Response Precautionary Statements:**

- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P362 Take off contaminated clothing and wash before reuse.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 Call a Poison center or doctor immediately.
- P301+P312 IF SWALLOWED: if feel unwell, call a poison center or doctor. P330 Gargle.

**.Disposal Precautionary Statements:**

- P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

**2.3 Other hazards**

**.Results of PBT and vPvB assessment:** Not applicable

### 3 Composition/information on ingredients

#### 3.2 Mixtures

**.Description:** Mixture of substances listed below with additions

| Components Name                     | CAS No.     | EC No.    | CLP Classification  | Weight Percent |
|-------------------------------------|-------------|-----------|---|----------------|
| Sodium sulfate                      | 7757-82-6   | 231-820-9 | No hazards have been classified   | 26.000%        |
| Sodium dodecylbenzendsulfonate      | 25155-30-0  | 246-680-4 | Acute Tox. 4 (Oral) H302<br>Skin Irrit. 2 H315<br>Eye Dam. 1 H318                           | 26.000%        |
| Sodium bicarbonate                  | 144-55-8    | 205-633-8 | No hazards have been classified   | 13.000%        |
| Sodium Lauryl ether sulfate         | 9004-82-4   | 221-416-0 | Skin Irrit. 2 H315<br>Eye Irrit. 2 H319   | 11.000%        |
| Carboxymethylcellulose, sodium salt | 9004-32-4   | 618-378-6 | No hazards have been classified   | 8.000%         |
| FD & C Blue No.1                    | 3844-45-9   | 223-339-8 | No hazards have been classified   | 4.000%         |
| FD & C Green No.3                   | 2353-45-9   | 219-091-5 | No hazards have been classified   |                |
| FD & C Yellow No.6                  | 2783-94-0   | 220-491-7 | No hazards have been classified   |                |
| Amthocyanins, Grape                 | 112029-12-2 | -- -- --  | No hazards have been classified   |                |
| Water                               | 7732-18-5   | 231-791-2 | No hazards have been classified   | 4.000%         |
| Sodium dodecanoate                  | 629-25-4    | 211-082-4 | Skin Irrit. 2 H315<br>Eye Dam. 1 H318   | 0.500%         |
| Sodium Carbonate                    | 497-19-8    | 207-838-8 | Eye Irrit. 2 H319   | 0.500%         |
| Sodium lauryl sulfate               | 151-21-3    | 205-788-1 | Acute Tox. 4 (Oral) H302<br>Skin Irrit. 2 H315<br>Eye Dam. 1 H318<br>Aquatic Chronic 3 H412 | 2.000%         |
| Polyethylene glycol 6000 dIstearate | 9005-08-7   | -- -- --  | No hazards have been classified   | 2.000%         |
| Dodecylbenzenesulfonic Acid         | 27176-87-0  | 248-289-4 | Acute Tox. 4 (Oral) H302<br>Skin Corr. 1B H314  | 2.000%         |
| Citric acid                         | 77-92-9     | 201-069-1 | No hazards have been classified   | 1.000%         |

## 4 First aid measures

### 4.1 Description of first aid measures

**.After inhalation:** Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

**.After skin contact:** Normally does not need first aid after skin contact, When need flush skin with water for a few minutes.

**.After eye contact:** Immediately flush eyes with plenty of water for a few minutes, occasionally lifting the eyelids.

**.After swallowing:** If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an Unconscious person. Get medical aid.

**4.2 Most important symptoms and effects, both acute and delayed:** No further relevant information available.

**4.3 Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

## 5 Fire-fighting measures

### 5.1 Extinguishing Media

**.Suitable extinguishing agents:** Water, carbon dioxide, extinguishing powder, Dry Chemical...

### 5.2 Special hazards arising from the substance or mixture

**.Hazardous characteristics:** Negligible fire and explosion hazard.

### 5.3 Advice for firefighters

**.Protective equipment:** As in any fire, Wear fully protective suit. Mouth respiratory protective device.

Do not inhale explosion gases or combustion gases.

## 6 Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment.

Keep unprotected persons away.

Ensure adequate ventilation.

Use respiratory protective device against the effects of fumes/dust/aerosol.

Avoid contact with eyes.

### 6.2 Environmental precautions

**.Measures for environmental protection:** Do not allow much product to reach sewage system or any water course.

### 6.3 Methods and material for containment and cleaning up

This product is solid, leak is meaningless, where have scattered on the ground only need to clean up it.

Good housekeeping must be maintained at all times to avoid stumbling hazard.

### 6.4 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

### 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Keep receptacles tightly sealed.

Keep away from heat and direct sunlight.

Avoid contact with eyes.

**.Information about fire - and explosion protection:** Not available.

### 7.2 Conditions for safe storage, including any incompatibilities

**.Requirements to be met by storerooms and receptacles:**

Store in a cool and dry location.

Store only in the original receptacle.

**.Information about storage in one common storage facility:** Store away from foodstuffs.

**.Further information about storage conditions:** No further relevant information available.

### 7.3 Specific end use(s): No further relevant information available.

## 8 Exposure controls/personal protection

### 8.1 Control parameters

**.Ingredients with limit values that require monitoring at the workplace:** No further relevant information available.

### 8.2 Exposure controls

**.Based on composition shown in Section 3, the following measures are suggested for occupational safety measure:**

**.Appropriate engineering controls:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing, Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes.

**.Ventilation and Engineering controls:** Closed operation, enhance ventilation. As mechanization and automation.

Provide safety shower and eyewash equipment.

**.Respiratory Protection:** No special respiratory protection is required for use of these products. If respiratory protection is needed, use self-contained respiratory protective device.

**.Body Protection:** General protective clothing.

**.Protective Gloves:** Unnecessary, If need choose rubber or plastic gloves with elbow-length gauntlet.

**.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.

**.Eye Protection:** Unnecessary, When necessary wear chemical goggles or face shield.

## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|  |  |
|--|--|
| <b>.General Informatio</b>             |  |
| <b>Form:</b>                           | Solid  |
| <b>Color:</b>                          | Multicolor   |
| <b>Odor:</b>                           | Odorless   |
| <b>.Change in condition</b>            |  |
| <b>Melting point/Melting range:</b>    | Not available  |
| <b>Boiling point/Boiling range:</b>    | Not available  |
| <b>.Flash point:</b>                   | Not available  |
| <b>.Self-igniting:</b>                 | Not available  |
| <b>.Danger of explosion:</b>           | Under normal circumstances Product does not present an explosion hazard. |
| <b>.Density:</b>                       |  |
| <b>.Relative density:</b>              | >1 (water=1)   |
| <b>.Vapor density:</b>                 | Not available  |
| <b>.Solubility in/Miscibility with</b> |  |
| <b>Water:</b>                          | Soluble in water   |
| <b>.PH-Value:</b>                      | 7-9  |
| <b>.Viscosity:</b>                     | Not available  |

**9.2 Other information:** No further relevant information available.

## 10 Stability and reactivity

- 10.1 Reactivity:** No decomposition if used according to specification.
- 10.2 Chemical stability:** Normally, The product is stable.
- 10.3 Possibility of hazardous reactions:** No dangerous reactions known.
- 10.4 Conditions to avoid:** No further relevant information available.
- 10.5 Incompatible materials:** Strong acids, oxidizing agents.
- 10.6 Hazardous decomposition products:** No further relevant information available.

## 11 Toxicological information

### 11.1 Information on toxicological effects

- . Acute toxicity-Toxicity to Animals:** LD/LC50 values relevant for classification  
LD50: Not available.  
LC50: Not available.
- .Irritation data:** No further data.
- .Chronic Health Effects:** This material is not a carcinogen. Classified NONE by NTP, NONE ,OSHA and by IARC.
- .MUTAGENIC AND TERATOGENIC EFFECTS:** Not available.

## 12 Ecological information

### 12.1 Toxicity

*.Aquatic toxicity: No further relevant information available.*

*12.2 Persistence and degradability: No further relevant information available.*

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

*12.4 Mobility in soil: No further relevant information available.*

*12.5 Results of PBT and vPvB assessment: Not applicable.*

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

### 12.7 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*

## 13 Disposal considerations

### 13.1 Waste treatment methods

*.Product: Must be disposed of in accordance with applicable Federal, state and local regulations.*

*.Recommendation: Must not be dispose together with household garbage. Do not allow product to reach sewage system.*

*.Uncleaned packaging: Recommendation Disposal must be made according to official regulations.*

## 14 Transport information

*14.1 UN Number: Not applicable.*

*14.2 UN Proper Shipping Name: Not applicable.*

*14.3 Hazard Class(es): Not applicable.*

*14.4 Packing Group: Not applicable.*

### 14.5 Environmental hazards

*.Marine Pollutant: Not applicable.*

*14.6 Special precautions for user: Not applicable.*

### 14.8 Transport/Additional information:

*.ADR/RID Classification: Not applicable.*

*.IMO/IMDG Classification: Not applicable.*

*.ICAO/IATA Classification: Not applicable.*

*.Note: According to transport identification conclusion, this product is not classified in hazards items.*

## 15 Regulatory information

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

*.Regulation (EC) No. 1272/2008 (CLP): These products is not classified as hazardous under CLP.*

#### *.Directive 2012/18/EU*

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

*.Seveso category: Not applicable.*

*.Additional classification according to Decree on Hazardous Materials, Annex II: Not classified.*

*.Water hazard class: Water hazard class 1 (Self-assessment): Slight hazardous for water.*



**.Other regulations, limitations and prohibitive regulations**

**.SVHC Candidate List of REACH Regulation Annex XIV Authorisation (12/1/2017):** None of the ingredients is listed.

**.REACH Regulation Annex XVII Restriction (3/2/2017):** None of the ingredients is listed.

**.REACH Regulation Annex XIV Authorization List (14/8/2014) :** None of the ingredients is listed.

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

**16 Other information**

**The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2015/830.**

**DISCLAIMER OF LIABILITY**

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**· 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).

**RID:** Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail).

**IMDG:** International Maritime Code for Dangerous Goods.

**IATA:** International Air Transport Association.

**ICAO:** International Civil Aviation Organization.

**GHS:** Globally Harmonized System of Classification and Labelling of Chemicals.

**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).

**ACGIH:** American Conference of Governmental Industrial Hygienists.

**DNEL:** Derived No-Effect Level (REACH).

**PNEC:** Predicted No-Effect Concentration (REACH).

**LC50:** Lethal concentration, 50 percent.

**LD50:** Lethal dose, 50 percent.

**PBT:** Persistent, Bioaccumulative and Toxic .

**vPvB:** very Persistent and very Bioaccumulative.

\*\*\*\*\*The End\*\*\*\*\*