

Material Safety Data Sheet

1 Identification of the substance/preparation and of the company/undertak in

Product details

.Chemical Name: Toilet bowl cleaner

.End Uses: Cleaning toilets to improve the air.

.Colour: Blue

.Export to: Europe, South America, North America

.Applicant: Yiwu Kejing Cleaner Commodity Factory

.Address: Xiajing Village, Houzhai Street, Yiwu, Zhejiang, China.

.Further information obtainable from: Yiwu Kejing Cleaner Commodity Factory

.Information in case of emergency:

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2 Composition/information on ingredients

.Chemical characterization

.Description: Mixture of substances listed below with additions.

.Components Number	CAS Number	Percent (%)
Sulfuric acid	7757-82-6	15
Sodium bicarbonate	144-55-8	25
Cleaner	--- --	24
Anionic surfactant	25302-81-2	12
Nonionic surfactant	64422-66-8	18
dye	--- --	5
Fragrance	--- --	1

3 Hazards identification

.For information on human and environmental hazards:

According to Chinese standard 67/548/EEC, 1999/45/EC and 1272/2008/EC, the nine categories of products classified as dangerous goods

.Classification system:

According to the latest version of the Chinese standard 67/548/EEC, 1999/45/EC and 1272/2008/EC, and to expand the company and literature data.

Hazard warning not required.



4 First aid measures

- .Eye Contact:* Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- .Skin Contact:* Wash with water and soap and rins.
- .Inhalation:* Rapidly from the scene to fresh air, keep the airway open. If the patient is feeling unwell, please seek medical attention.
- .After swallowing:* Rinse mouth with water. Consult a physician.

5 Fire-fighting measures

- .Suitable extinguishing agents:* CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- .Protective equipment:* Wear self-contained respiratory protective device.
- .Flammable Limits:* Not applicable
- .Products of Combustion:* Not applicable
- .Fire Hazards in Presence of Various Substances:* Not applicable
- .Explosion Hazards in Presence of Various Substances:* Not applicable
- .Fire Fighting Media and Instructions:* Not applicable

6 Accidental release measures

- .Personal safety precautions:* Ensure adequate ventilation.
- . Personal protective equipment:* Suitable for inert particles P1 filter respirator
- .Environmental protection measures:*
Do not allow contact with the sewage system or any water source.
Do not allow to enter sewers / surface or ground water.
- .Cleaning / collecting:*
Gently sweep particles dropped into the container to ensure that dust does not produce a large area.

7 Handling and storage

- . Handling:*
 - .Information for safe handling:* Ensure good ventilation/exhaustion at the workplace.
 - .Information about fire - and explosion protection:* Keep respiratory protective device available.
- . Storage:*
 - .Requirements to be met by storerooms and receptacles:*
Store in a cool location.
Store only in the original receptacle.
 - .Information about storage in one common storage facility:*
Store away from foodstuffs.
Store away from oxidizing agents.
 - .Further information about storage conditions:*
Store receptacle in a well ventilated area.
Keep container tightly sealed.



8 Exposure controls/personal protection

.Additional information about design of technical facilities: No further data; see item 7.

.Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

.DNELs: Not available

.PNECs: Not available

.Additional information: The lists valid during the making were used as basis.



.Personal protective equipment:

.General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

.Respiratory protection: Suitable respiratory protective device recommended.



.Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

.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.



9 Physical and chemical properties

Physical state and appearance:	Solid
Odor:	Pine oil
Colour:	Blue
PH	Not applicable.
Melting point/range	Not applicable.
Flashpoint	Not applicable.
Density	Not applicable.
Upper flammable(explosive)limits in air-upper (vol %)-LEL	Not applicable.
Lower flammable(explosive)limits in air-Lower (vol %)-UEL	Not applicable.
Oxidising properties	Not applicable.
Vapour pressure	Not applicable.
Solubility in water	Soluble in water
Partition coefficient)(n-octanol/water)	Not applicable.
Viscosity	Not applicable.
Vapour density	Not available.
Evaporation rate	Not available.

10 Stability and reactivity

Thermal decomposition / conditions to be avoided: If you are not used in accordance with the provisions of decomposition.

Dangerous reactions: No dangerous reactions known.

Dangerous products of decomposition: No dangerous decomposition products.

11 Toxicological information

.Routes of entry: Not available.

.Toxicity to Animal: Not available.

.Chronic Effects on: Not available.

.Other Toxic Effects on Humans: Not available.

.Special Remarks on Toxicity to Animals: Not available.

.Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

.Special Remarks on Chronic Effects on Humans: Not available.

.Special Remarks on Other Toxic Effects on Humans: Not available.



12 Ecological information

.Ecotoxicity: Not available.

.BOD5 and COD: Not available.

.Products of Biodergradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

.Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

.Special Remarks on the Products of Biodegradation: Not additional.

13 Disposal considerations

.Recycle if possible. Dispose product according to national/regional regulations in force. Send to authorized disposal plants or to authorized controlled condition incinerators. Contaminated packaging may be recycled or disposed; in this case the receiver must be informed of potential hazards.

.Waste Disposal methods: Dispose in accordance with federal, state or local regulations.

14 Transport information

· Land transport ADR/RID (cross-border):

· ADR/RID class:

Not controlled under ADR (Europe).

· Danger code (Kemler):

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· UN-Number:

-

· Hazard label:

-

· Description of goods:

-

· Maritime transport IMDG:

· IMDG Class:

-

· UN Number:

-

· Label

-

· Packaging group:

-

· EMS Number:

-

· Marine pollutant:

NO

· Proper shipping name:

-

· Air transport ICAO-TI and IATA-DGR:

· ICAO/IATA Class:

Not controlled under IATA

· UN/ID Number:

-

· Label

-

· Packaging group:

-

· Proper shipping name:

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15 Regulatory information

· Sara

.Section 355 (extremely hazardous substances):

None of the ingredient is listed.



.Section 313 (specific toxic chemical listing):

None of the ingredient is listed.

.TSCA (toxic substance control act)

None of the ingredient is listed.

.Proposition 65

.Chemical known to cause cancer:

None of the ingredient is listed.

.Chemical known to cause reproductive toxicity for females:

None of the ingredient is listed.

.Chemical known to cause reproductive toxicity for males:

None of the ingredient is listed.

.Chemical known to cause developmental toxicity:

None of the ingredient is listed.

.Cancerogenity categories:

.EPA (Environmental Protection Agency)

None of the ingredient is listed.

.IARC (International Agency for Research on Cancer)

None of the ingredient is listed.

.NTP (National Toxicology Program):

None of the ingredient is listed.

TLV (Threshold Limit Value established by ACGIH):

None of the ingredient is listed.

.NIOSH-Ca(National Institute for Occupational Safety and Health):

None of the ingredient is listed.

.OSHA-Ca(Occupational Safety & Health Administration):

None of the ingredient is listed.

16 Other information

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty express or implied regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

.Emergency Telephone Number: 86-13957939870

.Department issuing MSDS: Yiwu Kejing Cleaner Commodity Factory

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