

## 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Company Name: Guangzhou Alice Daily Chemical Co., Ltd.

Address: Room 404-1, Building 1, No.110 Dongguan Zhuang Road, Tianhe District, Guangzhou

Product Name: Toilet cleaner gel

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## 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Acute toxicity, Oral (Category 4), H302

Serious eye damage/eye irritation (Category 1), H318

Short-term (acute) aquatic hazard (Category 2), H401

For the full text of the H-Statements mentioned in this Section, see Section 16.

### 2.2 GHS label elements, including precautionary statements



Pictogram(s):

Signal word: Danger

#### Hazard statement(s):

H302 Harmful if swallowed.

H318 Causes serious eye damage.

H401 Toxic to aquatic life.

#### Precautionary statement(s):

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P273 Avoid release to the environment.

P280 Wear eye protection/ face protection.

#### Response

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth.

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/ doctor.

#### Disposal

P501 Dispose of contents/ container to an approved waste disposal

plant.

Caution - substance not yet tested completely.

### 2.3 Physical and chemical hazards

Referring to current information, no physical or chemical hazard.

### 2.4 Health hazards

H302 Harmful if swallowed.

H318 Causes serious eye damage.

### 2.5 Environmental hazards

H401 Toxic to aquatic life.

### 2.6 Other hazards - none

## 3: COMPONENTS INFORMATION

Chemical Name	Proportion (%)	CAS No.	EINECS No.
Water	61.0 ~ 65.0	7732-18-5	231-791-2
Isomeric alcohol ethoxylates	28.0 ~ 30.0	9043-30-5	500-027-2
Polyethylene Glycol	5.0 ~ 6.0	25322-68-3	500-038-2
Else	1.0 ~ 2.0	9003-07-0	202-316-6

## 4: FIRST AID MEASURES

### 4.1 Description of necessary first-aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### 4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of immediate medical attention and special treatment needed, if necessary  
no data available

## 5: FIRE FIGHTING MEASURES

### 5.1 Extinguishing media

Suitable extinguishing media

Water Foam Carbon dioxide (CO<sub>2</sub>) Dry powder

Unsuitable extinguishing media

For this substance/mixture no limitations of extinguishing agents are given.

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

Nature of decomposition products not known.

Combustible.

Vapors are heavier than air and may spread along floors.

Forms explosive mixtures with air on intense heating.

Development of hazardous combustion gases or vapours possible in the event of fire.

### 5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

Prevent fire extinguishing water from contaminating surface water or the ground water system.

## 6: ACCIDENTAL RELEASE MEASURES

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

Avoid dust formation. Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

For personal protection see section 8.

### 6.2 Environmental precautions

No special environmental precautions required.

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

Sweep up and shovel. Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For disposal see section 13.

## 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed.

For precautions see section 2.2.

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

Keep container tightly closed in a dry and well-ventilated place. Store in cool place.

Recommended storage temperature 28 °C

Store under inert gas. Air sensitive

**7.3 Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

**8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters**

Occupational Exposure limit values

no data available

**8.2 Appropriate engineering controls**

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk-elimination area.

**8.3 Individual protection measures, such as personal protective equipment (PPE)**

**Eye/face protection**

Wear tightly fitting safety goggles with side-shields conforming to EN 166(EU) or NIOSH (US).

**Skin protection**

Wear fire/flame resistant and impervious clothing. Handle with gloves. Gloves must be inspected prior to use. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

**Respiratory protection**

If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-face respirator.

**Thermal hazards**

no data available

**9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

a) Appearance: Form: Blue gel

Colour: Aromatic odor

b) Odour: No data available

c) Odour Threshold: No data available

d) pH: 3.0 ~ 7.0 at 20°C

e) Melting point/freezing point: >50°C

f) Initial boiling point and boiling range: Not applicable

g) Flash point: >70°C closed cup

h) Evaporation rate: No data available

i) Flammability (solid, gas): No data available

j) Upper/lower flammability or explosive limits: No data available

- k) Vapour pressure: No data available
- l) Vapour density: No data available
- m) Relative density: 1.1 ~1.2 g/cm<sup>3</sup> at 20°C
- n) Water solubility: Soluble in water
- o) Partition coefficient:
  - n-octanol/water: No data available
- p) Auto-ignition temperature: No data available
- q) Decomposition temperature: No data available
- r) Viscosity: No data available
- s) Explosive properties: No data available
- t) Oxidizing properties: No data available

#### 9.2 Other safety information

No data available

### 10: STABILITY AND REACTIVITY DATA

#### 10.1 Reactivity

No data available

#### 10.2 Chemical stability

Stable under recommended storage conditions.

#### 10.3 Possibility of hazardous reactions

No data available

#### 10.4 Conditions to avoid

No data available

#### 10.5 Incompatible materials

Strong oxidizing agents

#### 10.6 Hazardous decomposition products

In the event of fire: see section 5

### 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

##### Acute toxicity

Acute toxicity estimate Oral - 500.1 mg/kg

(Expert judgment)

Inhalation: No data available

LD50 Dermal - Rat - female - > 2,000 mg/kg

(OECD Test Guideline 402)

Skin corrosion/irritation  
Skin - Rabbit  
Result: No skin irritation  
(OECD Test Guideline 404)  
Serious eye damage/eye irritation  
Eyes - Rabbit  
Result: Irreversible effects on the eye  
(OECD Test Guideline 405)  
Respiratory or skin sensitization  
No data available  
Germ cell mutagenicity  
No data available  
Carcinogenicity  
No data available  
Reproductive toxicity  
No data available  
Specific target organ toxicity - single exposure  
No data available  
Specific target organ toxicity - repeated exposure  
No data available  
Aspiration hazard  
No data available

#### 11.2 Additional Information

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

Toxicity to fish LC50 - Leuciscus idus (Golden orfe) - 10 - 100 mg/l - 96 h

Toxicity to algae EC50 - algae - 10 - 100 mg/l - 72 h

Remarks: (External MSDS)

(Ethoxylated oxoalcohol)

Toxicity to bacteria

### 12.2 Persistence and degradability

Biodegradability Result: > 60 % - Readily biodegradable.

(OECD Test Guideline 301B)

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

#### 12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not Conducted

#### 12.6 Endocrine disrupting properties

No data available

#### 12.7 Other adverse effects

No data available

## 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods Product

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

## 14: TRANSPORT INFORMATION

UN Number

ADR/RID: No

IMDG: No

IATA: No

UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Transport hazard Class(es)

ADR/RID: No

IMDG: No

IATA: No

Packaging group

ADR/RID: No

IMDG: No

IATA: No

Environmental hazards

IMDG Marine pollutant: No

Packing method: packing according to the method recommended by the manufacturer.

Cautions during transportation:

The transport vehicles shall be equipped with corresponding varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

It is forbidden to mix with oxidizing agents, food chemicals, etc.

The vehicle exhaust pipe must be equipped with a fire retardant device.

It is forbidden to use mechanical equipment and tools that produce spark.

In transit should be protected from sun, rain, high temperature.

Stay away from fire, heat source and high temperature area.

## 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the European Inventory of Existing Commercial Chemical Substances (EINECS): Not Listed.  
EC Inventory: Not Listed.  
United States Toxic Substances Control Act (TSCA) Inventory: Not Listed.  
China Catalog of Hazardous chemicals 2015: Not Listed.  
New Zealand Inventory of Chemicals (NZIoC): Listed.  
Philippines Inventory of Chemicals and Chemical Substances (PICCS): Listed.  
Vietnam National Chemical Inventory: Listed.  
China Chemical Inventory of Existing Chemical Substances (China IECSC): Listed.  
Korea Existing Chemicals List (KECL): Listed.

## 16: OTHER INFORMATION

We believe that the information contained herein is current as of the date of this Safety Data Sheet, and is offered in good faith. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of Technology, it is the user's obligation to determine the conditions of safe use of the product.

