

SDS REPORT

Report No.: 21-07918-PS

Date: December 14, 2021

Page: 1 of 1

Applicant : TAIZHOU HUANGYAN MINGYU PLASTIC FACTORY.

Address : NO.5, KANGZHUANG RD, BEICHENG DEVELOPMENT ZONE,
HUANGYAN, TAIZHOU, ZHEJIANG, CHINA.

Sample Name : BUBBLE WATER

**Composition/Ingredient of
The Sample (as per client
submission)** : See Section 3 on the SDS

Service Requested : Preparation of Safety Data Sheet (SDS) for the sample with submitted
information

Summary : As per request, the contents and formats of the SDS are prepared in
according with US Regulations Relating to Labor 29 CFR 1910.1200,
and is provided per attached.

Manufacturer : TAIZHOU HUANGYAN MINGYU PLASTIC FACTORY

Country of Origin : China

Test Report Form No. : TTRF_SDS_A

TRF Originator : TÜV AUSTRIA (SHANGHAI) CO., LTD.

Master TRF : Dated September 2019

Receiving Date : December 09, 2021

Preparation period : December 09 - December 14, 2021

*Carrey Wu*

Carrey Wu, Technical Director
TÜV AUSTRIA (Shanghai) Co., Ltd.

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TTRF_SDS_A

Safety Data Sheet

29 CFR 1910.1200

Printing date 12/14/2021



Reviewed on 12/14/2021

1 Identification

- **Product identifier**
- **Trade name:** BUBBLE WATER
- **Recommended use of the chemical and restrictions on use**
- **Application of the substance / the preparation:** blowing bubbles
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
TAIZHOU HUANGYAN MINGYU PLASTIC FACTORY
No.5, Kangzhuang Rd, Beicheng Development Zone, Huangyan, Taizhou, Zhejiang.
Tel: +86- (0)576-8408 9157
Email: sales@bubble-water.com
- **Other US contact point:** Not available
- **Further information obtainable from:** TAIZHOU HUANGYAN MINGYU PLASTIC FACTORY
- **Emergency telephone number:**
Cherry Zhu
Tel: +86-(0)576-8408 915

Poison Center
Tel: +1 800 222 1222

2 Hazard(s) identification

- **Classification of the substance or mixture**
Classification according to OSHA Hazard Communication Standard (29 CFR 1910.1200)
-  GHS07
 Eye Irrit. 2A H319 Causes serious eye irritation.
- **Information concerning particular hazards for human and environment:**
The product has to be labeled due to the calculation procedure of OSHA Hazard Communication Standard (29 CFR 1910.1200).
- **Classification system:**
The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.
- **Label elements**
- **Labelling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)**
- **Hazard pictograms**
-  GHS07
- **Signal word** Warning
- **Hazard-determining components of labeling:** Not applicable.
- **Hazard statements**
H319 Causes serious eye irritation.
- **Precautionary statements**

P264	Wash thoroughly after handling.
P280	Wear eye protection / face protection.

(Contd. on page 2)

-USA-

Safety Data Sheet

29 CFR 1910.1200

Printing date 12/14/2021

Reviewed on 12/14/2021

Trade name: BUBBLE WATER

(Contd. of page 1)

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

· **Hazards not otherwise classified (HNOC)** No further relevant information available.

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Description:**

Mixture of the substances listed below with nonhazardous additions.

For the wording of the listed hazard statements refer to Section 16.

· **Composition:**

7732-18-5	Water	96.898%
4292-10-8	(carboxymethyl)dimethyl-3-[(1-oxododecyl)amino]propylammonium hydroxide	1.75%
	⚠ Eye Dam. 1, H318	
24634-61-5	potassium (E,E)-hexa-2,4-dienoate	0.5%
	⚠ Eye Irrit. 2A, H319	
6440-58-0	DMDM Hydantoin	0.5%
	⚠ Acute Tox. 4, H302	
9004-62-0	Hydroxyethyl cellulose	0.35%
3734-33-6	denatonium benzoate	0.002%
	⚠ Acute Tox. 4, H302; Acute Tox. 4, H332	

4 First-aid measures

· **Description of first aid measures**

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:**

Rinse out mouth with water.

Never give anything by mouth to an unconscious person.

Seek medical treatment.

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

· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

5 Fire-fighting measures

· **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

· **Special hazards arising from the substance or mixture:** No further relevant information available.

· **Special protective equipment and precautions for firefighters**

· **Protective equipment:**

Mouth respiratory protective device.

(Contd. on page 3)

USA

Safety Data Sheet

29 CFR 1910.1200

Printing date 12/14/2021

Reviewed on 12/14/2021

Trade name: BUBBLE WATER

Wear fully protective suit.

(Contd. of page 2)

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**
 - Ensure adequate ventilation.
 - Use respiratory protective device against the effects of fumes/dust/aerosol.
 - Avoid contact with eyes.
 - Avoid contact with skin.
- **Environmental precautions:**
 - Dilute with plenty of water.
 - Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
 - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
 - Dispose contaminated material as waste according to item 13.

7 Handling and storage

- **Precautions for safe handling:**
 - Keep away from heat and direct sunlight.
 - Ensure good ventilation/exhaustion at the workplace.
 - Prevent formation of aerosols.
 - Avoid contact with eyes and skin.
 - For the general occupational hygienic measures refer to Section 8.
- **Information about protection against explosions and fires:** Normal measures for preventive fire protection.
- **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

- **Control parameters**
- **Components 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.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Based on the 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.
 - Avoid contact with the eyes and skin.
 - See Section 7 for information about design of technical facilities.
- **Personal protective equipment**
- **Breathing equipment:** Suitable respiratory protective device recommended.

(Contd. on page 4)

USA

Safety Data Sheet

29 CFR 1910.1200

Printing date 12/14/2021

Reviewed on 12/14/2021

Trade name: BUBBLE WATER

(Contd. of page 3)

· Protection of hands:



Protective gloves

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.

· Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection:



Tightly sealed goggles

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	Liquid
Color:	Colorless
Odor:	Odorless
Odor threshold:	Not available.

pH-value:	Not available.
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· Change in condition

Melting point/Melting range:	Not available.
Freezing point:	Not available.
Boiling point/Boiling range:	Not available.

Flash point:	Not available.
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Flammability (solid, gaseous):	Not applicable.
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Auto-Ignition temperature:	Not available.
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Decomposition temperature:	Not available.
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· Explosion limits:

Lower:	Not available.
Upper:	Not available.

Vapor pressure:	Not available.
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Density:	Not available.
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Relative density	Not available.
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Vapor density	Not available.
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(Contd. on page 5)

USA

Safety Data Sheet

29 CFR 1910.1200

Printing date 12/14/2021

Reviewed on 12/14/2021

Trade name: BUBBLE WATER

(Contd. of page 4)

- | | |
|---|--|
| · Evaporation rate | Not available. |
| · Solubility in / Miscibility with Water: | Soluble in water |
| · Partition coefficient (n-octanol/water): | Not available. |
| · Viscosity: | |
| Dynamic: | Not available. |
| Kinematic: | Not available. |
| · Other information | No further relevant information available. |

10 Stability and reactivity

- **Reactivity** No decomposition if used according to specifications.
- **Chemical stability** Stable under recommended storage conditions.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity**
- **Primary irritant effect**
- **Skin corrosion/irritation:** Irritating effect possible.
- **Serious eye damage/irritation:** Irritating effect.
- **Respiratory or skin sensitisation:** Sensitization possible.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant
- **Carcinogenic categories**

- | |
|--|
| · IARC (International Agency for Research on Cancer) |
| None of the ingredients is listed. |
| · NTP (National Toxicology Program) |
| None of the ingredients is listed. |
| · OSHA-Ca (Occupational Safety & Health Administration) |
| None of the ingredients is listed. |

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.

(Contd. on page 6)

USA

Safety Data Sheet

29 CFR 1910.1200

Printing date 12/14/2021

Reviewed on 12/14/2021

Trade name: BUBBLE WATER

(Contd. of page 5)

- **Mobility in soil** No further relevant information available.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

- | | |
|---|-----------------|
| · UN-Number | |
| · DOT, IMDG, IATA | Not applicable. |
| · UN proper shipping name | |
| · DOT, IMDG, IATA | Not applicable. |
| · Transport hazard class(es) | |
| · DOT, IMDG, IATA | |
| · Class | Not applicable. |
| · Packing group | |
| · DOT, IMDG, IATA | Not applicable. |
| · Environmental hazards | Not applicable. |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not applicable. |
| · UN "Model Regulation": | Not applicable. |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.
- **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

All components have the value ACTIVE.

(Contd. on page 7)

USA

Safety Data Sheet

29 CFR 1910.1200

Printing date 12/14/2021

Reviewed on 12/14/2021

Trade name: BUBBLE WATER

(Contd. of page 6)

· **Proposition 65**· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **New Jersey Right-to-Know List:**

None of the ingredients is listed.

· **New Jersey Special Hazardous Substance List:**

None of the ingredients is listed.

· **Pennsylvania Right-to-Know List:**

None of the ingredients is listed.

· **Pennsylvania Special Hazardous Substance List:**

None of the ingredients is listed.

· **Cancerogenity categories**· **EPA (Environmental Protection Agency):**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH):**

None of the ingredients is listed.

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

None of the ingredients is listed.

· **National regulations**· **Additional classification according to Decree on Hazardous Materials:**· **REACH Regulation Annex XVII Restriction**

See Section 16 for information about restriction of use.

None of the ingredients is listed.

· **REACH Regulation Annex XIV Authorisation List**

None of the ingredients is listed.

16 Other information

· **Relevant phrases**

H302 Harmful if swallowed.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

· *****

DISCLAIMER OF LIABILITY :

The information in this SDS 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

(Contd. on page 8)

Safety Data Sheet

29 CFR 1910.1200

Printing date 12/14/2021

Reviewed on 12/14/2021

Trade name: BUBBLE WATER

(Contd. of page 7)

SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

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· **Date of preparation / last revision** 12/14/2021 / -

Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

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)

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

Acute Tox. 4: Acute toxicity – Category 4

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

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USA