

Material Safety Data Sheet

Regulation (EC) No. 1907/2006, 1272/2008

Version No.: 1.0 Print Date: December 22, 2025 Page 1/1

MSDS REPORT

Shenzhen Natural Origin Living Science and Technology Co. Ltd
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MSDS Report No. : ANG2512180660SDS-01
Compilation Date : December 22, 2025
Sample Name : Effervescent Cleaning Tablets
Composition/Ingredient of The Sample : See Section 3 Composition/information on ingredients on the MSDS report
Service Requested : Material Safety Data Sheet (MSDS) for the sample with submitted composition.
Summary : As per request, the contents and formats of the MSDS are prepared in accordance with Regulation (EC) No 1907/2006, its amendment Regulation (EU) No 2020/878, (EU) No 1272/2008 and are provided per attached.

Signed for and on behalf of
Technical Center:




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Web: www.ag-test.cn Tel: 86-755-27850687 E-mail: sz@ag-test.cn

SECTION 1 : Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Product name:** Effervescent Cleaning Tablets
- **Model:** /
- **Trademark:** /
- **1.2 Relevant identified uses of the substance or mixture and uses advised against on**
- **Application of the substance/ mixture:** Cleaning and scale removal.
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Zhejiang Yijie Biotechnology Co.,Ltd
No. 5 Huaqian Avenue, Pingqiao Town, Tiantai County, Taizhou City, Zhejiang Province, P.R. China
- **Phone:** +86-0576 83061788
- **Email:** grace@naturaloriginlife.com
- **Only Representative/other EU contact point:** Information not available.
- **Further information obtainable from:** Zhejiang Yijie Biotechnology Co.,Ltd
- **1.4 Emergency telephone number:** +86-15112391340 Grace
- **112(Available 24 hours a day)**

SECTION 2 Hazard(s) identification

- **2.1 Classification of the substance or mixture:**
Classification according to regulation(EC)1272/2008:This product is classified in accordance with the CLP regulations.
- **2.2 Label elements**
- **Labeling according to Regulation (EC) No 1272/2008:**The product is classified according to CLP regulation.
- **Hazard pictograms:** 
GHS07
- **Signal word:** Warning.
- **Hazard-determining components of the labeling:** Not applicable.
- **Hazard statements:**
H319 Causes serious eye irritation.
- **Precautionary statement:**
P264 Wash skin thoroughly after handling.
P280 Wear eye protection/ face protection.
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.
- **Special rules for supplemental elements for certain mixtures:** Not applicable.

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- 2.3 Other hazards
 - Results of PBT and vPvB assessment
- PBT: Not applicable.
vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

- 3.1 Chemical characterization: Mixture
- Description:

Mixture of the substances listed below with nonhazardous additions; For the wording of the listed risk phrases refer to section 16.

· Components:		
CAS No.	Composition Name	%, w/w
497-19-8	Sodium carbonate	10-20%
7757-82-6	Sodium sulfate	10-20%
68-04-2	Sodium citrate, anhydrous	10-20%
6834-92-0	Sodium Metasilicate Anhydrous	0.25%
10543-57-4	TAED	1-5%
29578-05-0	MGDA	1-5%
15630-89-4	Sodium percarbonate	0.1-0.5%
14807-96-6	Talc	1-5%
9000-11-7	Cellulose CM	1-5%
56-81-5	Glycerol	1-5%
120313-48-6	Genapol EP 2584	1-5%
37259-58-8	PROTEASE	0.5-2%
9001-62-1	Lipase	0.5-2%
9000-85-5	alpha-Amylase	0.5-2%
144-55-8	Sodium bicarbonate	10-20%
3209-30-1	Toluidine blue	0.04%
557-04-0	Magnesium stearate	1-5%

SECTION 4 First aid measures

- 4.1 Description of first aid measures

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

After inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

After skin contact: Wash off with soap and plenty of water. Consult a physician.

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

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

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- **4.2 Most important symptoms and effects, both acute and delayed:** No information available.
- **4.3 Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

SECTION 5 Fire-fighting measures

· **5.1 Extinguishing media**

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media: No information available.

· **5.2 Special hazards arising from the substance or mixture:** Carbon oxides, Sodium oxides.

Danger characteristic: No special danger or explosiveness.

Hazardous combustion products: Decomposition product unknown.

· **5.3 Advice for firefighters**

Protective equipment: Wear self-contained breathing apparatus for firefighting if necessary.

· **5.4 Further information**

No data available.

SECTION 6 Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures:**

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

For personal protection see section 8.

· **6.2 Environmental precautions:**

Do not let product enter drains.

· **6.3 Methods and material for containment and cleaning up:**

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

· **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.

SECTION 7 Handling and storage

· **7.1 Precautions for safe handling:**

Handle in accordance with good industrial hygiene and safety practice.

Ensure adequate ventilation, especially in confined areas.

Take precautionary measures against static discharges.

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Do not breathe dust/fume/gas/mist/vapors/spray.

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

Wash thoroughly after handling.

Use personal protection recommended in Section 8.

· **Information about fire and explosion protection:** Normal measures for preventive fire protection.

Keep away from heat/sparks/open flames/hot surfaces.— No smoking.

Ground/Bond container and receiving equipment.

Use explosion-proof electrical/ventilating/ lighting equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge

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

· **Requirements to be met by storerooms and receptacles:** Store in dry, cool and a well-ventilated place. Keep cool.

· **Information about storage in one common storage facility:** Keep out of reach of children; Keep away from flammable substance.

· **Further information about storage conditions:** Keep container closed. Store according to local regulations.

· **7.3 Specific end use(s):** Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8 Exposure controls/personal protection

· **8.1 Components parameters**

DNELs: Data not available

PNECs: Data not available

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:** Data not available

· **8.2 Exposure controls**

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

· **Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice;

Wash hands before breaks and at the end of work;

See section 7 for information about design of technical facilities.

· **Personal protective equipment**

· **Respiration of hands:** Suitable respiratory protective device recommended.

· **Protection of hands: Protective gloves**

No special protection of hands required. If handle for long time, rubber gloves (thickness 0.1 mm, breakthrough times >480 minutes) are recommended.

· **Breathing equipment:** Use positive pressure breathing mask if concentrations in air could exceed occupational exposure standard.

· **Eye protection:** Protective goggles with side-shields.

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· Environmental exposure controls:

Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9 Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· Appearance:

Form	Solid
Color	white
Odor	Tasteless
Odor threshold	Data not available.
· pH-value	Data not available.
· Change in condition	
Melting point/melting range	Data not available.
Boiling point and boiling range	Data not available.
· Freezing point	Data not available.
· Flash point	Data not available.
· Flammability (solid, gas)	Not applicable
· Auto-ignition temperature	Not applicable
· Decomposition temperature	Data not available.
· Self-ignition	Product is not self-ignition.
· Danger of explosion	Product does not present explosive hazard.
· Explosion limits	
Lower:	Data not available.
Upper:	Data not available.
· Oxidizing properties	Data not available.
· Vapor pressure	Data not available.
· Density	Data not available.
· Relative density	1.3/m ³
· Vapor density	Data not available.
· Evaporation rate	Data not available.
· Solubility in/Miscibility with	
Water	Data not available.
· Partition coefficient (n-octanol/water)	Data not available.
· Viscosity	
Dynamic	Data not available.
Kinematic	Data not available.
· 9.2 Other information	No further relevant information available

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SECTION 10 Stability and reactivity

- **10.1 Reactivity:** Not data available.
- **10.2 Chemical stability:** hygroscopic Stable under recommended storage conditions.
- **10.3 Possibility of hazardous reactions:** Not data available.
- **10.4 Conditions to avoid:** Exposure to moisture.
- **10.5 Incompatible materials:** Strong acids.
- **10.6 Hazardous decomposition products:** Other decomposition products - No data available.

In the event of fire: see section 5.

SECTION 11 Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.
- **LD/LC50 values relevant for classification:** Based on available data, the classification criteria are not met.
- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **Serious eyes damage/ irritation:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **Sensitization:** Not determined.
- **STOT-single exposure:** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

- **11.2 Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations: Damage to eyes.

- **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.

SECTION 12 Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** Data not available.
- **12.2 Persistence and degradability:** Data not available.
- **12.3 Bio-accumulative potential:** Data not available.
- **12.4 Mobility in soil:** Data not available.
- **12.5 Results of PBT and vPvB assessment**
PBT: Not applicable
vPvB: Not applicable
- **12.6 Other adverse effects:** No further relevant information available.

SECTION 13 Disposal consideration

- **13.1 Waste treatment methods**
- **Recommendation:** Small quantities can be disposed together with household garbage.
- **13.2 Un-cleaned packaging**
- **Recommendation:** Dispose of contents/container in according to the local regulation.

SECTION 14 Transport information

· 14.1 UN-Number ADR, RID, ADN, IMDG, IATA	Not regulated as dangerous goods, not applicable
· 14.2 UN proper shipping name ADR, RID, ADN, IMDG, IATA	Not applicable
· 14.3 Transport hazard class (es) ADR, RID, ADN, IMDG, IATA Class Label	Not applicable Not applicable
· 14.4 Packing group ADR, RID, ADN, IMDG, IATA	Not applicable
· 14.5 Environmental hazardous Marine pollution	NO
· 14.6 Special precautions for user	Not applicable
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable
· UN "Model Regulation"	Void

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SECTION 15 Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **MAK (German Maximum Workplace Concentration):** None of the ingredients is listed.
- **Directive 2012/18/EU**
- **Named dangerous substances-ANNEX I:** None of the ingredients is listed.
- **Seveso category:** Not applicable.
- **Qualifying quantity (tonnes) for the application of lower-tier requirements:** Not applicable.
- **Qualifying quantity (tonnes) for the application of upper-tier requirements:** Not applicable.
- **National regulations.**
- **Water hazard class:** Not applicable.
- **Other regulations, limitations and prohibitive regulations**
- **SVHC Candidate list of REACH Regulation Annex XIV Authorization:** None of the ingredients is listed.
- **REACH Regulation Annex XVII Restriction:** None of the ingredients is listed.
- **REACH Regulation Annex XIV Authorization List:** None of the ingredients is listed.
- **15.2 Chemical safety assessment:** A Chemical Safe Assessment has not been carried out.

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SECTION 16 Other information

· 16.1 Relevant phrases:

H319 Causes serious eye irritation.

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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).

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

CAS: Chemical Abstracts Service (division of the American Chemical Society)

SVHC: Substance of Very High Concern

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

End of Material Safety data sheet