

Safety Data Sheet
According to Regulation (EC) No 1907/2006, Annex II,
Amended by COMMISSION REGULATION (EU) 2020/878,
According to REGULATION (EC) No 1272/2008



Issue Date: 2024-08-13

EFW524081433-CG-01

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

• **1.1 Product identifier**

• **Trade name:**

Orange mesh ball

• **Other means of identification:**

Article No.: SV21707

Registration number: No available data.

UFI code: No available data.

• **1.2 Relevant identified uses of the substance or mixture and uses advised against on**

• **Application of the substance/ mixture:**

Consumer uses, squishy.

• **Uses advised against:**

No available data.

• **Reason why uses advised against:**

No available data.

• **1.3 Details of the supplier of the safety data sheet**

• **Manufacturer/Supplier:**

JinHua MengWang Jewelry CO., LTD.

NO.226 OF ZHAOHUI WEST ROAD, XIAOSHUN TOWN, JINDONG DISTRICT JINHUA CITY.ZHEJIANG PROVINCE.

Post code: 321035

Tel: +086-579-85210557

Fax: +086-579-85210538

Email: sales07@ywmengwang.com

• **Only Representative/other EU contact point:**

No information available.

• **Further information obtainable from:**

JinHua MengWang Jewelry CO., LTD.

• **1.4 Emergency telephone number**

Tel: +086-579-85210557

(Only available during the following office hours 8:30-17:30, for Chinese or English service only)

SECTION 2: Hazards identification

• **2.1 Classification of the substance or mixture**

• **2.1.1 Classification according to regulation (EC) 1272/2008:**

The product is not classified according to CLP Regulation.

Regulation (EC) No 1272/2008 [CLP]	Classification procedure
Not applicable	Not applicable

• **2.2 Label elements**

• **Labeling according to Regulation (EC) No 1272/2008:**

The product is not labelled according to CLP Regulation.

• **Hazard pictograms:**

Not applicable



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• **Signal word:**

Not applicable

• **Hazard-determining components of labelling:**

Not applicable

• **Hazard statements:**

Not applicable

• **Precautionary statement:**

Not applicable

• **Supplemental label elements:**

Not applicable

• **2.3 Other hazards**

None of the ingredients ($\geq 0.1\%$) meets the criteria for PBT/vPvB in accordance with Annex XIII.

None of the ingredients ($\geq 0.1\%$) is identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100.

SECTION 3: Composition/information on ingredients

• **3.1 Substance**

Not applicable

• **3.2 Mixtures**

• **Description of the mixture:**

Orange mesh ball.

Ingredients:

Substance	CAS No.	Index No.	EC No.	w/w, %	CLP Classification	SCL/M-factor/ATE
Water	7732-18-5	-	231-791-2	96.6999	None	-
Guar gum	9000-30-0	-	232-536-8	3	None	-
Boraxdecahydrate	1303-96-4	005-011-00-4	-	0.15	Eye Irrit. 2, H319 Repr. 1B, H360FD	-
Erythrosine acid	15905-32-5	-	240-046-0	0.15	None	-
Kathon 886	55965-84-9	613-167-00-5	-	0.0001	Acute Tox. 3, H301 Acute Tox. 2, H310 Acute Tox. 2, H330 Skin Corr. 1C, H314 Skin Sens. 1A, H317 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 EUH071	ATE (oral)= 53 mg/kg ATE (dermal)=87 mg/kg ATE (inhal.)=1.23 mg/l(vapor) Skin Corr. 1C, H314: C $\geq$ 0.6% Skin Irrit. 2, H315: 0.06% $\leq$ C<0.6% Eye Irrit. 2, H319: 0.06% $\leq$ C<0.6% Skin Sens. 1A, H317: C $\geq$ 0.0015% M=100 M(Chronic)=100

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Additional information:

Full text of H- and EUH-statements, see SECTION 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

General advice:

Get medical attention if you feel unwell.

After inhalation:

Supply with fresh air.

Get medical attention if you feel unwell.

After skin contact:

Wash skin with water.

If there are signs of irritation or other symptoms seek medical attention.

After eye contact:

Rinse cautiously with water.

If eye irritation occurs: Get medical advice/attention.

After swallowing:

Rinse mouth.

Call a POISON CENTER/doctor if you feel unwell.

· **4.2 Most important symptoms and effects, both acute and delayed:**

Acute and delayed effects are as indicated in sections 2 and 11.

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

No special immediate medical attention or special treatment needed.

SECTION 5: Fire-fighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:**

The product is not flammable.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

· **Unsuitable extinguishing media:**

No known unsuitable extinguishing media.

· **5.2 Special hazards arising from the substance or mixture:**

No special hazards arising from the mixture.

· **5.3 Advice for firefighters**

Protective equipment:

Wear self-contained breathing apparatus for firefighting.

SECTION 6: Accidental release measures

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

· **6.1.1 For non-emergency personnel**

Protective equipment:

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Protective gloves/Eye protection/ Respiration protection.

Emergency procedures:

Avoid breathing vapor/mist.

Avoid contact with eyes and skin.

• **6.1.2 For emergency responders**

Personal protective equipment:

Protective gloves/Eye protection/ Respiration protection.

• **6.2 Environmental precautions:**

Prevent further leakage or spillage if safe to do so.

Prevent spillage from entering drains, sewer, basement or confined areas.

If the spillage contaminates rivers, lakes or drains inform respective authorities.

• **6.3 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 section 13.

• **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:**

Avoid contact with eyes and skin.

• **Information about fire and explosion protection:**

Normal measures for preventive fire protection.

• **7.2 Conditions for safe storage, including any non-compatibility**

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

Store in a cool and well-ventilated place.

• **Information about storage in one common storage facility:**

No further requirements.

• **Further information about storage conditions:**

No further requirements.

• **Storage class:**

12.

• **7.3 Specific end use(s):**

See section 1.2.

SECTION 8: Exposure controls/personal protection

• **8.1 Control parameters**

• **Ingredients with limit values that require monitoring at the workplace:**

Country	Limit value - Eight hours	Limit value – Short term
55965-84-9	Kathon886	

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Austria	0.05mg/m ³	-
Germany (DFG)	0.2mg/m ³ Inhalable fraction	0.4mg/m ³ Inhalable fraction ;15 minutes average value
1303-96-4 Boraxdeca hydrate		
Belgium	2 mg/m ³	6 mg/m ³
Denmark	2 mg/m ³	4 mg/m ³
France	5 mg/m ³	-
Germany (DFG)	0,75 mg/m ³ inhalable aerosol ; Calculated as boron	0,75 mg/m ³ inhalable aerosol ; Calculated as boron; 15 minutes average value In the case of simultaneous appearance of boric acid and tetraborates counts 0,75 mg/m ³ calculated as boron.
Ireland	5 mg/m ³	-
Poland	0.5 mg/m ³	2 mg/m ³
Spain	2 mg/m ³	6 mg/m ³
United Kingdom	5 mg/m ³	-

• **DNELs:**

DNEL type		DNEL worker value	DNEL consumer value
55965-84-9 Kathon886			
Systemic effects	Long-term, oral exposure	-	90 µg/kg bw/day
	Acute /short term, oral exposure	-	110 µg/kg bw/day
Local effects	Long-term, dermal exposure	20 µg/m ³	20 µg/m ³
	Acute /short term, dermal exposure	40 µg/m ³	40 µg/m ³

• **PNECs:**

PNEC type	Value
55965-84-9 Kathon886	
Freshwater	3.39 µg/L
Intermittent releases (freshwater)	3.39 µg/L
Marine water	3.39 µg/L
Intermittent releases (marine water)	3.39 µg/L
Sewage treatment plant (STP)	230 µg/L
Sediment (freshwater)	27 µg/kg sediment dw
Sediment (marine water)	27 µg/kg sediment dw
Soil	10 µg/kg soil dw

• **Additional information:**

The lists valid during the marking were used as basis.

• **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 and face before breaks and at the end of work.

Take off contaminated clothing and wash it before reuse.

See section 7 for information about design of technical facilities.

• **Personal protective equipment**

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• **Eye and face protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Safety glasses

Protective goggles with side-shields.

• **Skin protection**

• **Hand protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Protective gloves

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.3mm; breakthrough times up to 480 minutes).

• **Other skin protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Face protection



Safety boots



Safety overalls

Face shield, gauntlets, boots, bodysuit are recommended.

• **Respiration protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Respiratory equipment

Use positive pressure breathing mask if concentrations in air could exceed occupational exposure standard.

• **Thermal hazards:**

Not required under normal conditions of use.

For industrial applications, following protection required:

The gauntlets, boots, bodysuit and other personal protective equipment must be flame retardant and no heat-conducting.

• **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**

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· Physical state	Liquid
· Color	Orange
· Odor & Odor threshold	Odorless
· Melting point/freezing point (or softening point/range)	Not determined
· Boiling point or initial boiling point and boiling range	100°C (water)
· Flammability	Not determined
· Lower and upper explosion limit	Not determined
· Flash point	>93°C (closed cup)
· Auto-ignition temperature	Not determined
· Decomposition temperature	Not determined
· pH	Not determined
· Kinematic viscosity (mm²/s)	Not determined
· Solubility	Not determined
· Partition coefficient n-octanol/water (log value)	Not applicable
· Vapor pressure	Not determined
· Density and/or relative density	Not determined
· Relative vapor density	Not determined
· Particle characteristics	Not determined
· 9.2 Other information	
· 9.2.1 Information with regard to physical hazard classes:	
· Explosives	Not applicable
· Flammable gases	Not applicable
· Aerosols	Not applicable
· Oxidising gases	Not applicable
· Gases under pressure	Not applicable
· Flammable liquids	Not applicable
· Flammable solids	Not applicable
· Self-reactive substances and mixtures	Not applicable
· Pyrophoric liquids	Not applicable
· Pyrophoric solids	Not applicable
· Self-heating substances and mixtures	Not applicable
· Substances and mixtures, which emit flammable gases in contact with water	Not applicable
· Oxidizing liquids	Not applicable
· Oxidizing solids	Not applicable
· Organic peroxides	Not applicable
· Corrosive to metals	Not applicable
· Desensitised explosives	Not applicable
· 9.2.2 Other safety characteristics	
· Mechanical sensitivity	Not applicable
· Self-accelerating polymerisation temperature	Not applicable
· Formation of explosible dust/air mixtures	Not applicable

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· Acid/alkaline reserve	Not applicable
· Evaporation rate	Not determined
· Miscibility	Not determined
· Conductivity	Not applicable
· Corrosiveness	Not applicable
· Gas group	Not applicable
· Redox potential	Not applicable
· Radical formation potential	Not applicable
· Photocatalytic properties	Not applicable
· Other physical and chemical parameters	Not determined

SECTION 10: Stability and reactivity

· 10.1 Reactivity:

The product is non-reactive under normal conditions of use, storage and transport.

· 10.2 Chemical stability:

Under storage at normal ambient temperatures, the product is stable.

· 10.3 Possibility of hazardous reactions:

No known hazardous reaction.

· 10.4 Conditions to avoid:

High temperature.

· 10.5 Incompatible materials:

Strong oxidizing agent and acids.

· 10.6 Hazardous decomposition products:

Does not decompose when used for intended uses.

SECTION 11: Toxicological information

· 11.1 Information on toxicological effects

· Acute toxicity:

Based on available data, the classification criteria are not met.

Species	Effective Dose	Results	Method/Source
55965-84-9 Kathon 886			
Rat	LD50-oral	53 mg/kg	Toxicological Data, compiled by the National Institute of Health (NIH), USA, selected and distributed by Technical Database Services (TDS), New York, 2009.
Mouse	LD50-oral	60 mg/kg	Mutation Research., 118(129), 1983 [PMID:6410231].
Rabbit	LD50-dermal	660 mg/kg	ECHA registered dossier.
1303-96-4 Boraxdeca hydrate			
Rat	LD50-oral	2660 mg/kg	Farm Chemicals Handbook. Vol. -, Pg. C48, 1991.
Mouse	LD50-oral	2 g/kg	Boron, Metallo-Boron Compounds and Boranes, Adams, R.M., ed., New York, John Wiley & Sons, Inc., 1964, -(693),

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			1964.
Guinea pig	LD50-oral	5330 mg/kg	Boron, Metallo-Boron Compounds and Boranes, Adams, R.M., ed., New York, John Wiley & Sons, Inc., 1964, -(693), 1964.

• **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.

• **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 Information on other hazards**

• **11.2.1 Endocrine disrupting properties:**

None of the ingredients ($\geq 0.1\%$) is considered to have endocrine-disrupting properties with respect to humans, as none of them meet the criteria set out in section A of Regulation (EU) No 2017/2100.

• **11.2.2 Other information:**

No known other relevant information on adverse health effects.

SECTION 12: Ecological information

• **12.1 Toxicity:**

Species	Effect dose	Test duration	Value
55965-84-9 Kathon886			
Rainbow trout	LC50	96h	0.19 mg/L
Danio rerio	NOEC	38d	0.02 mg/L
Daphnia magna	EC50	48h	0.16 mg/L
Daphnia magna	NOEC	21d	0.1 mg/L
Daphnia magna	EC50	21d	>0.18 mg/L
Skeletonema costatum	EC50	48h	37.1 µg/L

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• **12.2 Persistence and degradability:** No available data.

• **12.3 Bio-accumulative potential:**

CAS	Substance	Log Pow	BCF
55965-84-9	Kathon886	0.75	41

• **12.4 Mobility in soil:**

CAS	Substance	Surface tension (mN/m)	Log Koc
55965-84-9	Kathon886	72.3 (1000 mg/L, 20°C)	1.06-141

• **12.5 Results of PBT and vPvB assessment:**

This mixture does not contain any substances ($\geq 0.1\%$) that are assessed to be a PBT or a vPvB.

• **12.6 Endocrine disrupting properties:**

None of the ingredients ($\geq 0.1\%$) is considered to have endocrine-disrupting properties with respect to non-target organisms, as none of them meet the criteria set out in section B of Regulation (EU) No 2017/2100.

• **12.7 Other adverse effects:**

No known other adverse effects.

• **12.8 Additional ecological information**

• **General notes:**

WGK1 (German Regulation) (self-assessment): slightly hazardous to water.

Do not allow large quantities of the product to reach ground water, water course or sewage system.

SECTION 13: Disposal consideration

• **13.1 Waste treatment methods**

• **Recommendation:**

Small quantities can be disposed together with household garbage.

Large quantities disposed must be in according to the local/regional/national/ international regulation.

• **13.2 Un-cleaned packaging**

• **Recommendation:**

Dispose of contents/container in according to the local/regional/national/ international regulation.

SECTION 14: Transport information

• **ADR/ADN/RID (2023 Edition)**

This product is not subject to ADR/ADN/RID.

• **IATA-DGR (65th)**

This product is not subject to IATA-DGR.

• **IMO/IMDG (41-22)**

This product is not subject to IMO/IMDG code.

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**

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• **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:**

WGK1 (German Regulation) (self-assessment): slightly hazardous to water.

• **Other regulations, limitations and prohibitive regulations**

• **SVHC Candidate list of REACH Regulation Annex XIV Authorization:**

1303-96-4	Boraxdeca hydrate	Toxic for reproduction (Article 57c)
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• **REACH Regulation Annex XVII Restriction:**

1303-96-4	Boraxdeca hydrate
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• **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.

SECTION 16: Other information

• **16.1 Indication of changes:**

None.

• **16.2 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)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

PBT: Persistent, Bio accumulative and Toxic

vPvB: very persistent and very bio accumulative

SVHC: Substance of Very High Concern

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

EC50: Concentration of maximal effect, 50 percent

NOEC: No observed effect concentration

Acute Tox. 3: Acute toxicity, hazard category 3

Acute Tox. 1: Acute toxicity, hazard category 1

Skin Corr. 1C: Skin corrosion/irritation, hazard category 1C

Skin Sens. 1A: Skin sensitization, hazard category 1A

Eye Dam. 1: Eye damage/irritation, hazard category 1

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Eye Irrit. 2: Eye damage/irritation, hazard category 2

Acute Tox. 2: Acute toxicity, hazard category 2

Repr. 1B: Reproductive toxicity, hazard category 1B

Aquatic Acute 1: Short-term (acute) aquatic hazard, hazard category 1

Aquatic Chronic 1: Long-term (chronic) aquatic hazard, hazard category 1

• **16.3 Key literature references and sources for data:**

<https://echa.europa.eu/>

<https://chem.nlm.nih.gov/>

<https://www.osha.gov/>

<http://www.unece.org/>

<http://www.imo.org/>

<https://www.dguv.de/>

<https://epa.govt.nz/>

<http://www.ilo.org/>

<https://www.phmsa.dot.gov/>

• **16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]:**

See section 2.1 (classification).

• **16.5 Relevant H- and EUH-phrases (number and full text):**

H301 Toxic if swallowed

H310 Fatal in contact with skin

H314 Causes severe skin burns and eye damage

H317 May cause an allergic skin reaction

H318 Causes serious eye damage

H319 Causes serious eye irritation

H330 Fatal if inhaled

H360Fd May damage fertility; Suspected of damaging the unborn child

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

EUH071 Corrosive to the respiratory tract

• **16.6 Training advice:**

Workers must be trained in general and specific aspects of safe work procedures for this chemical. Workers need easy to understand guidelines and instructions for safe working with this chemical. Instructions, guidelines and legally required documents need to be available for workers in easy to understand language.

• **16.7 Further information:**

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, its amendment Regulation (EU) No 2020/878 and (EC) No 1272/2008.

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 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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End of safety data sheet