

SAFETY DATA SHEET

JADEWIN UV 123



JADEWIN

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name JADEWIN LS 123
Product No. JADEWIN

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

QINGDAO JADE NEW MATERIAL TECHNOLOGY CO.,LTD
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Licang District, Qingdao, Shandong Province, China

For Emergency Health Information call, (0086) 18561336360

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards Not classified.
Human health Not classified.

Classification (1999/45/EEC)

R53.

2.2. Label elements

Contains Bis-(1-octyloxy-2,2,6,6-tetramethyl-4-piperidiny) sebacate

Hazard Statement :

H413 May cause long lasting harmful effects to aquatic life.

Precautionary Statements (Prevention) :

P273 Avoid release to the environment.

Precautionary Statements (Disposal) :

P501 Dispose of contents/container to hazardous or special waste collection point.

2.3. Other hazards

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Bis-(1-octyloxy-2,2,6,6-tetramethyl-4-piperidiny) sebacate		100%
CAS-No.: 129757-67-1	EC No.: 406-750-9	
Classification (EC 1272/2008) Aquatic Chronic 4 - H413	Classification (67/548/EEC) R53.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Remove victim immediately from source of exposure. Get medical attention.

Ingestion

wash out mouth with water DO NOT INDUCE VOMITING! Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention immediately!

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention immediately.

Eye contact

Continue to rinse for at least 15 minutes and get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Ingestion

there may be soreness and redness of the mouth and throat

Skin contact

Prolonged skin contact may cause redness and irritation.

Eye contact

Irritating and may cause redness and pain. Profuse watering of the eyes.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials. Carbon dioxide (CO₂). Dry chemicals. Cool aerosol containers exposed to heat with water spray and remove container, if no risk is involved.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Toxic fumes

5.3. Advice for firefighters

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For personal protection, see section 8. Avoid inhalation of dust and vapours. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not create dust.

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Provide good ventilation. Avoid handling which leads to dust formation. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool and well-ventilated place. Keep containers tightly closed. Store in closed original container at temperatures between 15°C and 25°C.

7.3. Specific end use(s)

Usage Description

Must only be kept in original packaging

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters**8.2. Exposure controls**

Protective equipment



Engineering measures

Provide sufficient ventilation during operations which cause vapour formation.

Respiratory equipment

Use respiratory equipment with particle filter, type P1.

Hand protection

Wear protective gloves.

Eye protection

Wear approved safety goggles.

Other Protection

Provide eyewash station and safety shower.

Hygiene measures

Wash hands after contact. Wash at the end of each work shift and before eating, smoking and using the toilet.

Skin protection

Wear apron or protective clothing in case of contact.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form :	liquid	
Odour :	odourless	
Odour threshold :	No applicable information available.	
Colour :	light yellowish	
pH value :	of low solubility	
Melting point :	< -30 °C	(Directive 92/69/EEC, A.1)
Boiling point :	367 °C	(OECD Guideline 103)
:	No applicable information available.	
Flash point :	95 °C	(Directive 84/449/EEC, A.9)
Flammability :	not flammable	

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid frost.

10.5. Incompatible materials

Materials To Avoid

Strong oxidising substances. Strong acids.

10.6. Hazardous decomposition products

Hazardous decomposition products : No hazardous decomposition products if stored and handled as prescribed/indicated.

SECTION 11: TOXICOLOGICAL INFORMATION

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity : Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact.

Oral

Type of value : LD50

Species : rat

Value : > 2,000 mg/kg (OECD Guideline 401)

Dermal

Type of value : LD50

Species : rat

Value : > 2,000 mg/kg (OECD Guideline 402)

Assessment other acute effects

Assessment of STOT single :

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

Irritation / corrosion

Assessment of irritating effects : Not irritating to eyes and skin.

Skin

Species : rabbit

Result : non -irritant

Method : OECD Guideline 404

Eye

Species : rabbit

Result : non -irritant

Method : OECD Guideline 405

Sensitization

Assessment of sensitization : Based on available Data, the classification criteria are not met.

Species : guinea pig

Result : Non -sensitizing.

Aspiration Hazard

not applicable

Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity : No substance -specific organotoxicity was observed after repeated administration to animals.

Experimental/calculated data : not determined

not determined

Genetic toxicity

Assessment of mutagenicity : Based on the ingredients, there is no suspicion of a mutagenic effect.

Genetic toxicity in vitro : OECD Guideline 471 Ames -test negative

OECD Guideline 473 Cytogenetic assay negative

Carcinogenicity

Assessment of carcinogenicity : Based on the ingredients there is no suspicion of a carcinogenic effect in humans.

None of the components in this product at concentrations greater than 0.1% are listed by IARC;

NTP, OSHA or ACGIH as a carcinogen.

Reproductive toxicity

Assessment of reproduction toxicity : Based on the ingredients, there is no suspicion of a toxic effect on reproduction.

Other Information

Toxic effects on liver observed in animal study

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Acute Fish Toxicity

ALGAE ZEBRA FISH EC50 > 2.0 mg/l; BACTERIA ZEBRA FISH IC50 > 100mg/l; DAPHNIA ZEBRA FISH EC50 > 100 mg/l; FISH ZEBRA FISH LC50 > 58 mg/l

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Waste is suitable for incineration.

13.1. Waste treatment methods

Confirm disposal procedures with environmental engineer and local regulations.

SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

Transport Labels

No transport warning sign required.

14.4. Packing group

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

SECTION 16: OTHER INFORMATION

Revision Date 07/11/2015

Revision 7

Supersedes date 12/05/2015

Risk Phrases In Full

R53 May cause long-term adverse effects in the aquatic environment.

Hazard Statements In Full

H413 May cause long lasting harmful effects to aquatic life.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.