

# SAFETY DATA SHEET

JADEWIN LS 791



## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Product name:** JADEWIN LS 791

**CAS number:** 70624-18-9

**Product code:** JADEWIN

**Company name:**

QINGDAO JADE NEW MATERIAL TECHNOLOGY CO.,LTD

Room 411, Building2, No318 Longshui Road,  
Licang District, Qingdao, Shandong Province, China

For Emergency Health Information call, (0086) 18561336360

## 2. HAZARDS IDENTIFICATION

**Main hazards:** May cause sensitisation by skin contact. May cause long-term adverse effects in the aquatic environment.

**Other hazards:** Toxic by inhalation. Irritating to respiratory system. Irritating to skin. Risk of serious damage to eyes.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** BIS(2,2,6,6-TETRAMETHYL-4-PIPERIDYL)SEBACATE 30-50%

EINECS: 258-207-9 CAS: 2403-89-6

## 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation.

**Inhalation:** There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing. Drowsiness or mental confusion may occur. Convulsions may occur.  
There may be loss of consciousness.

## 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Consult a doctor.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to

drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. If unconscious and breathing is OK, place in the recovery position. Consult a doctor.

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

**Exposure hazards:** Toxic. In combustion emits toxic fumes.

**Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Notify the police and fire brigade immediately. 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 attempt to take action without suitable protective clothing - see section 8 of SDS. Do not create dust.

**Environmental precautions:** Do not discharge into drains or rivers. Alert the neighbourhood to the presence of fumes or gas.

**Clean-up procedures:** Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

## 7. HANDLING AND STORAGE

**Handling requirements:** Avoid direct contact with the substance. Do not handle in a confined space.

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed.

**Suitable packaging:** Must only be kept in original packaging.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures:** Ensure there is exhaust ventilation of the area.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:** Powder

**Colour:** Pale yellow

**Odour:** Characteristic odour

**Boiling point/range°C:** 55

**Melting point/range°C:** 70 min

**Flash point°C:** >150

**Relative density:** 1-1.2 kg/L at 20deg

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Heat.

**Materials to avoid:** Strong oxidising agents. Strong acids.

**Haz. decomp. products:** In combustion emits toxic fumes.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** IHL RAT LC50 500 mg/m<sup>3</sup> 4h

**Chronic toxicity:** May cause sensitisation by skin contact.

**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

## 12. ECOLOGICAL INFORMATION

**Persistence and degrad.** Biodegradable.

**Bioaccumulative potential:** No bioaccumulation potential.

**Other adverse effects:** Negligible ecotoxicity.

## 13. DISPOSAL CONSIDERATIONS

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Disposal of packaging:** Dispose of as normal industrial waste.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## 14. TRANSPORT INFORMATION

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

## 15. REGULATORY INFORMATION

RISK PHRASES	R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
SAFETY PHRASES	S61	Avoid release to the environment. Refer to special instructions/safety data.

## 16. OTHER INFORMATION

REVISION DATE 21/11/2011

REV. NO./REPL. SDS GENERATED 2

RISK PHRASES IN FULL

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.