

SAFETY DATA SHEET

JADEWIN 320

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

1.1. Product identifier

Product name JADEWIN 320
Product No. JADEWIN
CAS-No. 3846-71-7
EC No. 223-346-6

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

Supplier **QINGDAO JADE NEW MATERIAL TECHNOLOGY CO.,LTD**
*Address: Room 411, Building2, No318 Longshui Road,
Licang District, Qingdao, Shandong Province , China.
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SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards Not classified.
Human health Carc. 2 - H351;STOT RE 2 - H373
Environment Aquatic Chronic 3 - H412

Classification (1999/45/EEC) Xn;R48/22. Carc. Cat. 3;R40. R52/53.

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

2.2. Label elements

EC No. 223-346-6
Contains 2-benzotriazol-2-yl-4,6-di-tert-butylphenol
Label In Accordance With (EC) No. 1272/2008



Signal Word Warning

Hazard Statements

H351 Suspected of causing cancer.
H373 May cause damage to organs through prolonged or repeated exposure.
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

P281 Use personal protective equipment as required.
P501 Dispose of contents/container to ...

Supplementary Precautionary Statements

P201 Obtain special instructions before use.

P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P273	Avoid release to the environment.
P308+313	IF exposed or concerned: Get medical advice/attention.
P314	Get medical advice/attention if you feel unwell.
P405	Store locked up.

2.3. Other hazards**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

2-benzotriazol-2-yl-4,6-di-tert-butylphenol	100%
CAS-No.: 3846-71-7	EC No.: 223-346-6
Classification (EC 1272/2008) Carc. 2 - H351 STOT RE 2 - H373 Aquatic Chronic 3 - H412	Classification (67/548/EEC) Xn;R48/22. Carc. Cat. 3;R40. R52/53.

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

CAS-No. 3846-71-7

EC No. 223-346-6

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

Wash skin thoroughly with soap and water.

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

Inhalation.

Congestion of the lungs may occur producing severe shortness of breath.

Ingestion

there may be soreness and redness of the mouth and throat May cause stomach pain or vomiting. May cause discomfort if swallowed.

Nausea, vomiting.

Skin contact

Prolonged skin contact may cause redness and irritation.

Eye contact

Irritating and may cause redness and pain.

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.

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.

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 hands 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

Appearance	WHITE POWDER
Colour	White / off-white.
Solubility	Slightly soluble in water.

Melting point (°C)	152.00-156.00
Relative density	1.18 g/cm ³
Vapour pressure	7.2 E-6 Pa
Flash point	215

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 exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials To Avoid

Strong acids. Strong oxidising substances.

10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

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	14/06/2016
Revision	2
Supersedes date	14/06/2016
Risk Phrases In Full	
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R48/22	Harmful: danger of serious damage to health by prolonged exposure if swallowed.
R40	Limited evidence of a carcinogenic effect.
Hazard Statements In Full	
H412	Harmful to aquatic life with long lasting effects.
H373	May cause damage to organs <<Organs>> through prolonged or repeated exposure.
H351	Suspected of causing cancer.

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.