

SAFETY DATA SHEET

JADEWIN 327

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

1.1. Product identifier

Product Name JADEWIN 327
Product No. JADEWIN
CAS-No. 3864-99-1
EC No. 223-383-8

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

· *Manufacturer/Supplier:*

QINGDAO JADE NEW MATERIAL TECHNOLOGY CO.,LTD

*Address: Room 411, Building2, No318 Longshui Road,
Licang District, Qingdao, Shandong Province, China.*

Tel:+86 18561336360 Fax:4008892163 - 108245

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards Not classified.
Human health Skin Irrit. 2 - H315; Eye Irrit. 2 - H319; STOT Single 3 - H335
Environment Not classified.

Classification (1999/45/EEC)

Xi; R36/37/38.

2.2. Label elements

EC No. 223-383-8
Contains: 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol
Label In Accordance With (EC) No. 1272/2008



Signal Word Warning

Hazard Statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Precautionary Statements

P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313	Get medical advice/attention.
P501	Dispose of contents/container to ...
Supplementary Precautionary Statements	
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash ... thoroughly after handling.
P302+352	IF ON SKIN: Wash with plenty of soap and water.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P321	Specific treatment (see ... on this label).
P332+313	If skin irritation occurs: Get medical advice/attention.
P337	If eye irritation persists:
P362	Take off contaminated clothing and wash before reuse.
P403+233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

2-(2'-Hydroxy-3',5'-di-tert-butylphenyl)-5-chlorobenzotriazole		100%
CAS-No.: 3864-99-1	EC No.: 223-383-8	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT Single 3 - H335	Classification (67/548/EEC) Xi;R36/37/38.	

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

CAS-No. 3864-99-1

EC No. 223-383-8

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 Measures In Fire**

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 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	SLIGHTLY YELLOW POWDER
Colour	Yellowish
Odour	Odourless
Solubility	Insoluble in water
Melting Point (°C)	154.00-157.00
Flash Point (°C)	234 C
Auto Ignition Temperature (°C)	430 C

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.

10.5. Incompatible materials

Materials To Avoid

Strong oxidising substances. Strong acids.

10.6. Hazardous decomposition products

During fire, toxic gases (CO, CO₂) are formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxic Dose 1 - LD 50	> 2000 mg/kg (oral rat)
Toxic Conc. - LC 50	> 750 mg/kg IHL RAT

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

LC 50, 96 Hrs, Fish mg/l	> 100
EC 50, 48 Hrs, Daphnia, mg/l	16
IC 50, 72 Hrs, Algae, mg/l	56
	BACTERIA 72H IC50 > 100 mg/l

12.2. Persistence and degradability

Degradability:

No data available.

12.3. Bioaccumulative potential

Bioaccumulative Potential:

No data available on bioaccumulation.

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 1

Risk Phrases In Full

R36/37/38 Irritating to eyes, respiratory system and skin.

Hazard Statements In Full

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H335 May cause respiratory irritation.

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.