

# SAFETY DATA SHEET



JADEWIN UV 234

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

### 1.1. Product identifier

Product name JADEWIN UV 234  
Product No. JADEWIN  
CAS-No. 70321-86-7  
EC No. 274-570-6

### 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

- Manufacturer : 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
- Intended use : Plastic additive (UV Absorber)

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards Not classified.  
Environment Not classified.

### 2.2. Label elements

EC No. 274-570-6  
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-(2H-Benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)phenol		100%
CAS-No.:	EC No.:	
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 are Displayed in Section 16.

CAS-No. 70321-86-7

EC No. 274-570-6

**SECTION 4: FIRST AID MEASURES****4.1. Description of first aid measures**

Inhalation

Consult a physician for specific advice.

Ingestion

wash out mouth with water

Skin contact

Wash skin thoroughly with soap and water.

Eye contact

Immediately flush with plenty of water or eyewash solution for up to 10 minutes.

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

Inhalation.

Irritation of nose, throat and airway. Coughing, chest tightness, feeling of chest pressure.

Ingestion

There may be irritation of the throat

Skin contact

Skin 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.

## **5.2. Special hazards arising from the substance or mixture**

Specific hazards

In case of fire, toxic gases may be formed.

## **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**

### **6.2. Environmental precautions**

Avoid discharge to the aquatic environment.

### **6.3. Methods and material for containment and cleaning up**

Wash contaminated area with water.

### **6.4. Reference to other sections**

Wear protective clothing as described in Section 8 of this safety data sheet.

## **SECTION 7: HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

Avoid spread of dust.

### **7.2. Conditions for safe storage, including any incompatibilities**

Store in a cool and well-ventilated place.

Storage Class

Must only be kept in original packaging

### **7.3. Specific end use(s)**

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1. Control parameters**

### **8.2. Exposure controls**

Respiratory equipment

Wear respiratory protection with combination filter (dust and gas filter).

Hand protection

Protective gloves should be used if there is a risk of direct contact or splash.

Eye protection

Wear approved safety goggles.

Other Protection

Provide eyewash station and safety shower.

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	Powder, dust
Colour	Light (or pale). Yellow.
Melting point (°C)	137.0-141.0

### **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

Acids, oxidising.

**10.6. Hazardous decomposition products****SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects**

Toxic Dose 1 - LD 50 >2000 mg/kg (oral rat)

Toxic Dose 2 - LD 50 >2000 mg/kg (ipr-rat)

**SECTION 12: ECOLOGICAL INFORMATION****12.1. Toxicity**

LC 50, 96 Hrs, Fish mg/l FISH ZEBRA 96H > 67

**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****13.1. Waste treatment methods**

INCINERATE. Confirm disposal procedures with environmental engineer and local regulations.

**SECTION 14: TRANSPORT INFORMATION**

Road Transport Notes Not Classified

Rail Transport Notes Not classified.

Sea Transport Notes Not classified.

Air Transport Notes Not classified.

**14.1. UN number**

Not applicable.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

Not applicable.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards****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	20/12/2015
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.