

SAFETY DATA SHEET

JADEWIN AN 3114

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

1.1. Product identifier

Product name JADEWIN AN 3114
Product No. JADEWIN
Synonyms, Trade Names Tris(3,5-di-tert-butyl-4-hydroxybenzyl) isocyanurate

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.

Tel:+86 18561336360 Fax:4008892163 - 108245

Emergency telephone number: +86 185 6133 6360

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.
Environment Not classified.

Classification (1999/45/EEC)

Not classified.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008

Not classified.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

| | |
|--|--|
| Tris(3,5-di-tert-butyl-4-hydroxybenzyl) isocyanurate | 100% |
| CAS-No.: 27676-62-6 | EC No.: 248-597-9 |
| Classification (EC 1272/2008) Not classified. | Classification (67/548/EEC) Not classified. |

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. Move the exposed person to fresh air at once. For breathing difficulties oxygen may be necessary. Get medical attention.

Ingestion

Rinse nose, mouth and throat with water.

Skin contact

Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact

Important! Immediately rinse with water for 15-30 minutes.

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

Inhalation.

Coughing, chest tightness, feeling of chest pressure.

Ingestion

May cause discomfort if swallowed.

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

Do not use water jet as an extinguisher, as this will spread the fire. Extinguish with carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

When heated, vapours/gases hazardous to health may be formed.

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

For personal protection, see section 8.

6.2. Environmental precautions

The product should not be dumped in nature but collected and delivered according to agreement with the local authorities. Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Wash thoroughly after dealing with a spillage.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid inhalation of dust and contact with skin and eyes. Observe good chemical hygiene practices. Provide good ventilation. Avoid handling which leads to dust formation.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Store in a cool and well-ventilated place.

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

All handling to take place in well-ventilated area.

Respiratory equipment

Wear suitable respiratory protection. Check that mask fits tight and change filter regularly.

Hand protection

Use protective gloves.

Eye protection

Wear dust resistant safety goggles where there is danger of eye contact.

Other Protection

Provide eyewash station and safety shower. AVOID ALL SKIN AND RESPIRATORY CONTACT! Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Wash at the end of each work shift and before eating, smoking and using the toilet. Remove contaminated clothing and wash the skin thoroughly with soap and water after work. Shower after work. Eating, smoking and water fountains prohibited in immediate work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| | |
|--------------------|---------------------------|
| Appearance | WHITE POWDER |
| Colour | White. |
| Odour | Odourless. |
| Solubility | Soluble in water. Acetone |
| Melting point (°C) | 218 - 223 |
| Relative density | 1.03 g/cm ³ |
| Vapour pressure | 7E -13 PA |
| Flash point (°C) | 289 |

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 dust close to ignition sources. 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

When heated, vapours/gases hazardous to health may be formed. in combustion emits toxic fumes

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects**

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

Acute Toxicity (Dermal LD50) > 2000 mg/kg Rat

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

LC 50, 96 Hrs, Fish mg/l > 1000 mg/l

DAPHNIA Magna straus 24H EC50 > 100 mg/l

Acute Toxicity - Aquatic Plants EC50 72 hours > 100 mg/l Scenedesmus subspicatus

Acute Toxicity - Microorganisms EC50 3 hours > 100 mg/l Activated sludge

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

DC10 incinerator

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

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

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Transport Labels

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

Not applicable.

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

Not applicable.

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**

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|-----------------|------------|
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| Supersedes date | 25/11/2016 |

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.