

SAFETY DATA SHEET



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JADEWIN BBMC

1. IDENTIFICATION OF THE SUBSTANCE PREPARATION AND OF THE COMPANY

- Product name : JADEWIN BBMC
 - Manufacturer : QINGDAO JADE NEW MATERIAL TECHNOLOGY CO.,LTD
- ROOM 904, NO4 AUX SQUARE,NO.37 SHUYUAN ROAD,LICANGDISTRICT,QINGDAO, 266000
SHANDONG PROVINCE, CHINA
Telephone : +86 17685522531
Fax : +86 0532-68077006 ■ For Emergency Healthy Information, call(0086)17685522531

2. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | % wt | CAS NO. |
|---|------|---------|
| 4,4'-Butylidenebis(6-tert-butyl-3-methylphenol) | 100% | 85-60-9 |

3. PHYSIOLOGICAL AND HEALTH HAZARD DATA

NFPA(level : 0 – 4) : Health Rating=1, Flammability Rating=1, Reactivity Rating=0

----- Emergency Overview-----

This could irritate respiratory organ, skin and eyes. Do not take mist in. Put it away from things that could cause fire. Containers should be closed perfectly. After using it, you must wash hands. When using it, it's needed to refresh air continuously.

----- Potential health effects -----:

- Eye contact: N.A
- Skin contact: N.A
- Inhalation : N.A
- Ingestion : Harmful if swallowed.

4. FIRST AID MEASURES

- General : In all cases of doubt, when symptoms persist, seek medical attention.
- Inhalation : Move to the place with fresh air. Be medically aided if symptoms such as cough become worse.
- Skin : Remove everything you were wearing such as contaminated clothing , shoes, accessories, then should wash them(about 15 – 20 min)with detergent and large amounts of water. Contact a doctor if necessary
- Eye : Immediately wash eyes with large amount of water or normal saline, occasionally lifting upper and lower lids, until no evidence of chemical remains, Get medical attention.
- Ingestion : Induce to throw up and contact a physician.

5. FREE-FIGHTING MEASURES

- Extinguish media : Water spray, foam or dry powder
- Regulation of ways to extinguish : No information is available.
- Fire and explosion hazards
 - Flash point : >249°C(CC)
 - Auto ignition temperature : N.A
 - Flammable limits in air(pct by volume) : N.A
 - Upper : N.A Lower : N.A
- Decomposition temperature : >360°C
- Special fire fighting procedure :
 - Use water spray to cool fire exposed containers.
 - Evacuate non-emergency personal to a safe area.
 - Avoid breathing smoke, fumes and decomposition products.
 - Wear self-contained breathing apparatus.
- Unusual fire or explosion : Dust may form flammable or explosive mixtures when dispersed in air in high
- Hazards : Concentrations

6. SPILL OR LEAK PROCEDURE

- Steps to be taken in case of release or spill :
 - Transfer spilled material to secure containers.
 - Do not allow to enter drains or watercourses.
 - Wear appropriate protective equipment as specified in section 8
 - All materials collected should be thrown away according to the local solid waste disposal regulation.

7. HANDING AND STORAGE

- Avoid contact with skin and eyes.
- When using do not eat, drink or smoke
- Store at ambient temperature in a dry place.
- Keep container in a well ventilated place.

8. SPECIAL PROTECTION INFORMATION

- Exposure limits : No exposure limits have been established for this material
- Respiratory protection : Handle in the presence of adequate ventilation.

Wear a dust mask if dust is present.
- Respiratory : No specific recommendations
- Eye protection : Wear splash resistant safety goggle. Provide and emergency eye wash fountain and quick drench shower in the immediate work area.
- Others : Wear adequate clothing to minimize physical contact
- Hand : Use chemical resistant gloves

9. PHYSICAL DATA

- Appearance : White crystalline powder or granule
- Odor : No data available
- Melting point / range : 208–214°C
- Boiling point / range : Decomposes
- Vapor Pressure : 0.15 mmHg @ 162°C
- Solubility in water : Practically insoluble.
- Solubility in others : Soluble in ethanol.
- PH value : N.A
- Viscosity : N.A
- Specific Gravity : N.A
- Density : N.A



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10. STABILITY AND REACTIVITY

- Stability : Stable under recommended storage and handling conditions (see section 7)
- Conditions to avoid : Not known.
- Incompatibility (materials to be avoided) : Oxygen and strong oxidizing agents.
- Hazardous decomposition : Thermal decomposition or combustion produce carbon monoxide, carbon dioxide
- Polymerization : Not occur.
- Combustion product : Oxides of sulfur.

11. TOXICOLOGICAL INFORMATION

- Toxicity to animals : Acute oral toxicity (LD50) : 2500mg/kg (rat)

12. ENVIROMENTAL HAZARDS

■ No experimental toxicological data on the preparation as such available. The following data are applicable to the ingredient listed before.

- Name : Distearyl thiodipropionate.
- Ecotoxicity
 - Fish : No data available.
 - Degradation Biotic : Readily long term degradable.

13. DISPOSAL CONSIDERATION

- Waste disposal :

All materials should be packaged, labeled, transported according to the local solid waste disposal regulation.

14. TRANSPORTATION INFORMATION

- | | | |
|--|---|--|
| <input type="checkbox"/> FLAMMABLE LIQUID | <input type="checkbox"/> POISON, CLASS A | <input type="checkbox"/> IRRITATING MATERIAL |
| <input type="checkbox"/> FLAMMABLE SOLID | <input type="checkbox"/> POISON, CLASS B | <input type="checkbox"/> NON FLAMMABLE GAS |
| <input type="checkbox"/> FLAMMABLE GAS | <input type="checkbox"/> OXIDIZING MATERIAL | <input checked="" type="checkbox"/> NOT HAZARDOUS BY D.O.T |
| <input type="checkbox"/> COMBUSTIBLE LIQUID | <input type="checkbox"/> CORROSIVE MATERIAL | REGULATIONS |
| <input type="checkbox"/> OTHER SPECIFY BELOW | | |

15. REGULATORY INFORMATION

■ This material is listed on the inventories of many states, including TSCA, EINECS and DSL and so on.

■ SARA Hazards

| | | | |
|----------|----|---------|----|
| Acute | No | Chronic | No |
| Reactive | No | Fire | No |
| Pressure | No | | No |



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16. OTHER INFORMATION

The information contained herein is provided for the purpose of disclosing product hazards and does not constitute product specifications. All warranties, either expressed or implied, are hereby disclaimed.