



MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY NAME

Product name: DBM

Use: Stabilizer

Manufacturer/Supplier: Sin Hun Chemical Co., Ltd.
No.2, 24th Rd., Taichung Industrial Park, Taichung City,
Taiwan, R.O.C.

Emergency Phone: 886-4-2359-2565

Fax: 886-4-2359-2232

2. HAZARDS IDENTIFICATION

Inhalation: Inhalation of vapor at elevated temperatures may cause respiratory irritation.

Ingestion: Dibenzoyl Methane was granted GRAS status by FEMA (1965) and is approved by FDA for food use under the reference 21 CFR 121. 1164. In 1970, the Council of Europe included Dibenzoyl Methane at 2 ppm, in the list of admissible artificial food flavourings.

Eye contact: Expected to be mildly irritating to the eyes.

Skin contact: Human skin testing at 6% concentration in petrolatum produced no reaction.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical name: Dibenzoyl Methane

Chemical family: Aromatic ketones

CAS NO: 120-46-7

4. FIRST AID MEASURES

Inhalation: Move affected person to fresh air. In case of irritation of respiratory system or mucous membranes, or if you feel unwell or in case of prolonged exposure, get medical attention.

Skin contact: Wash with plenty of water and soap. Do not use organic solvents.

Eye contact: Rinse immediately with water for at least 15 minutes. In case of eye irritation, get medical attention.

Ingestion: Affected person should drink 500~800ml water, if possible with suspended activated carbon for medical use. In case of spontaneous vomiting by sure that vomitus can freely drain because of danger of suffocation. Give water repeatedly. Artificial induction of vomiting should be restricted to first aid staff. Give nothing by mouth in case of unconsciousness or convulsions.

5. FIRE FIGHTING AND MEASURES



MATERIAL SAFETY DATA SHEET

Flash point: > 110°C

Flammable limits: Not applicable.

Hazardous thermal: Include oxides of carbon.

Extinguishing media: Dry powder, water spray (fog), foam, or carbon dioxide.

Decomposition products special fire fighting procedures:

Standard fire fighting clothing and eye protection should be worn. Proper respiratory protection should be used to prevent breathing products of combustion. Use water stream to cool exposed containers.

Unusual fire and explosion hazards: Dibenzoyl Methane is a combustible material with a flash point of 143°C, but requires considerable preheating before ignition and combustion can occur.

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate personal protective equipment, including appropriate respirator protective to ventilate contaminated area. Contain spill if possible.

Wipe up or absorb on suitable material and shovel up. Prevent entry into sewers and waterways. Avoid contact with skin, eyes or clothing.

7. HANDLING AND STORAGE

Handling precautions: In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid contact with eyes and prolonged or repeated skin contact. Avoid continuous or repetitive breathing of dust.

Shipping and storing precautions: Keep container tightly closed when not in use and during transport.

8. EXPOSURE CONTROLS AND PROTECTION

Technical protective measures: No special measure required.

Exposure control limits: Not established by OSHA or ACGIH.

Respiratory protection: Wear suitable particular filter mask when exposed to dust.

Hand protection: Wear suitable gloves.

Eye protection: Wear suitable goggles or face protection.

Skin protection: Wear appropriate protective clothing to prevent skin exposure.

Mechanical ventilation: Unavailable.

Local exhaust: None.



MATERIAL SAFETY DATA SHEET

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Slightly white crystalline solid or powder.

Melting point: 76~80°C

Boiling point: 219~221°C

Solubility in water: Insoluble

Vapor pressure: Does not apply.

Reactivity in water: Inert

Specific gravity: 1.11 (H₂O=1) at 18°C/4°C

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to avoid: Exposed to air and sunlight will be prohibited.

Materials to avoid: Does not apply.

Hazardous polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Not available.

12. ECOLOGICAL INFORMATION

Not available.

13. DISPOSAL CONSIDERATIONS

Disposal methods: Non returnable empty packages may be incinerated. Incineration or landfill in accordance with local regulation. Contaminated packaging material should be disposed of identically to the product itself. Non contaminated packaging material should be treated as household waste or as recycling material.

14. TRANSPORT INFORMATION

Not available.

15. REGULATORY INFORMATION

Not available.

16. OTHER INFORMATION

Shelf life: 2 years minimum in sealed containers protect from light and air.

Suggested uses: A heat stabilizer for PVC systems.

Material Safety Data Sheet



MATERIAL SAFETY DATA SHEET

This document is issued in accordance with the requirement of the Federal OSHA hazard communication rule, 29 CFR 1910.1200 (g) (2).

MSDS is directed towards the safe use rather than the commercial performance of our products, and the statements contained herein are not a warranty for the performance of any product, nor should they be considered as recommendations to use our products in violation of any laws, patents or official regulations.