

DBM (RP-83)

1. Identification of the Substance/Preparation and Company

1.1 Commercial Product Name: DBM

1.2 Company undertaking identification

Manufacturer: **JYC GROUP LTD**

Identification of the company:

**No.46, Dou-Kung 2 Rd, Dou-Liu City,
Yun-Lin Hsien, 64069 Taiwan, R.O.C.
Telephone number: 886-5-557-4403**

2. Hazardous Identification

Hazard symbol: warning

Classification system

GHS ratings

Acute toxicity(oral)	5
Irritating to skin	3
Irritating to eyes	2B

3. Composition/Information on Ingredients

3.1 Chemistry name : 1,3-Diphenyl-1,3-propanedione

3.2 CAS No. : 120-46-7

3.3 EINEC No.: 204-398-9

4. First-Aid Measures

4.1 After inhalation : Remove victim to fresh air. In case of irritation of respiratory system of mucous membranes , or if you feel unwell or in case of prolonged exposure , get medical attention.

4.2 After contact with the skin : Wash with plenty of soap and water. Do not use organic solvents.

4.3 After contact with the eyes : Flush eye with plenty of water for 15 minutes. In case of eye irritation get medical attention.

4.4 Ingestion : Affected person should drink 500~800 ml water, if possible with

suspended activated carbon for medical use. In case of spontaneous vomiting be sure that vomit 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. Get medical attention.

5. Fire-Fighting Measures

- 5.1 Fire-fighting media : water mist , foam , carbon dioxide or dry chemical
- 5.2 Hazardous Thermal Decomposition : May release oxides of carbon and other toxic gases and vapors.
- 5.3 Exposure Hazards : Do not release chemically contaminated water into drains , soil or surface waters. Sufficient measures must be taken to retain water used for extinguishing. Dispose of contaminated water and soil according to local regulations

6. Accidental Release Measures

- 6.1 Personal precautions : Do not breath dust. Avoid ignition sources. Avoid contact with skin, eyes and clothing.
- 6.2 Environmental precautions : Prevent contamination of soil , drains and surface waters.
- 6.3 Method for cleaning : Take up mechanically and place in suitable, closable container for disposal, avoiding formation of dust.

7. Handling and Storage

- 7.1 Handling : Irritant !Handle with care. Avoid eye and skin contact. Store in tightly closed containers. Ensure good ventilation and local exhaust. Do not eat , drink or smoke at the workplace.
- 7.2 Storage : Keep away from food and drink. Store in the original container securely closed and at room temperature.

8. Exposure Control/Personal Protection

- 8.1 Respiratory Protection : In case of exposure , use appropriate NIOSH approved respiratory protective equipment

- 8.2 Ventilation : Recommended
- 8.3 Hand protection : Impermeable gloves to minimize skin contact
- 8.4 Eye protection : Chemical goggles
- 8.5 Other protection equipment: Eye wash fountain, safety shower. Wash contaminated clothing before re-use.

9. Physical and Chemical Properties

- 9.1 Appearance: pale yellow crystal
- 9.2 Odor : slight ketone-like
- 9.3 Sense of Smell Valve :—
- 9.4 pH value (3g / liter water) : —
- 9.5 Melting point: 76 °C Min.
- 9.6 Boiling point : —
- 9.7 Flammability(Solid, Gas) : —
- 9.8 Decomposition Temperature : —
- 9.9 Flash point : —
- 9.10 Autoignition Temperature : —
- 9.11 Explosion Limits : —
- 9.12 Vapour Pressure : —
- 9.13 Density : 0.8g/cm³ @20°C
- 9.14 Solubility : —
- 9.15 Log Kow : —
- 9.16 Volatility Speed : —
- 9.17 Heat loss: 0.2% Max.

10. Stability and Reactivity

- 10.1 Stability : stable
- 10.2 Conditions to avoid : Incompatible material , strong oxidants
- 10.3 Materials to avoid : strong oxidizing agents .

11. Toxicological Information

- 11.1 LD₅₀ (oral in rats) : >5,000mg

11.2 Skin irritation tested on rabbits : irritation

11.3 Eye irritation ordination tested on rabbits : irritation

12. Ecological Information

No data found for product

13. Disposal Considerations

13.1 Incineration or landfill in accordance with local regulations. Contaminated packaging material should be disposed of identically to the product itself. Not contaminated packaging material should be treated as household waste or as recycling material.

14. Transport Information

Proper Shipping Name: None

14.1 This product is not dangerous goods in IMDG (sea transport) Status and ICAO (air transport) Status. Prevent from falling, dropping and damage.

14.2 ADR/RID (land transport): Not regulated and restricted.

15. Regulatory Information

15.1 Product related hazard information

H-CODES	H315	Causes skin irritation.
	H320	Causes eye irritation.
P-CODES	P332+P313	If skin irritation occurs: Get medical advice/attention
	P337+P313	If eye irritation persists: Get medical advice/attention

15.2 National regulations

15.2.1 Not required under EEC regulation

15.2.2 List on Canada DSL inventory

15.2.3 List on USA TSCA inventory

16. Others

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.