



Specialized in chemicals

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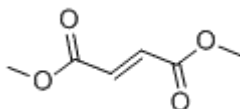
Site: www.tnjchem.com

Technical Data Sheet

Dimethyl Fumarate

Product Information

Chemical Name	Dimethyl fumarate
Synonyms	Allomaleic acid dimethyl este; Dimethyl trans-ethylenedicarboxylate
CAS #	624-49-7
EINECS	210-849-0
Formula	C ₆ H ₈ O ₄
Molecular Weight	144.13
Chemical Structure	



Physical Properties

White powder. Soluble in methanol, almost insoluble in water.	
Melting point	102~106°C
Boiling point	192-193°C
Flashing point	192-193°C
Density	1.37g/cm ³

Specification

<u>Items</u>	<u>Specification</u>
Appearance	White powder
Assay	≥99.00%
Melting point	102~104°C
Boiling point	193°C
Non-volatile matter	≤0.1%
Free acid	≤0.15%

Safety

Dimethyl fumarate is a stable material, not dangerous on transportation.
Always refer to the Material Safety Data Sheet (MSDS)

Applications

- 1) Food mould. DMF for bread, moon cakes, cakes and other food mildew, fresh effect. The amount of only 0.05%.
- 2) Grain storage. The amount of DMF directly into the rice, flour, the shelf-life of up to 200 days or more, but also the grain in the red like Pirates of the Valley, corn elephant, Valley beetle, Long Valley Pirates steal to ensure grain storage quality.
- 3) Feed mould. Such as the preparation of DMF-based king of the king is a highly efficient mildew mold agent.
- 4) Preservation of fruits, especially for citrus fruit outstanding.
- 5) Cocoon mould.
- 6) Clothing mildew moth.

Packaging

25kg per pp woven bag or as per customer's requirement

Storage & Handling

Stored at dry,shady,ventilated place. Keep container tightly closed.
Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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