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Technical Data Sheet

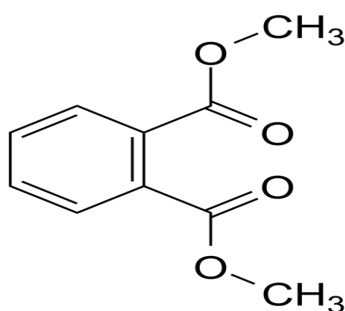
Dimethyl phthalate

Product Information

Chemical Name	Dimethyl phthalate
CAS #	131-11-3
Formula	C ₆ H ₄ (COOCH ₃) ₂
Molecular Weight	194.19
Synonyms	

Benzenedicarboxylic acid, dimethyl ester; DMP; 1,2-dimethyl phthalate; Dimethyl 1,2-benzenedicarboxylate; Dimethyl benzeneorthodicarboxylate; DMP; Phthalic acid dimethyl ester; Dimethylphthalat (German); Ftalato de dimetilo (Spanish); Phtalate de diméthyle (French); Mipax; Dimethyl o-phthalate;

Chemical Structure



Description

Dimethyl Phthalates are by far the most widely used plasticisers, primarily to make soft and flexible polyvinyl chloride (PVC) for the applications in the industry of automotive, building & construction material, cable, flooring, medical device and toys

Physical Properties

Apperance: Clear oily liquid
Flash point: 146°C
Boiling point: 283-284°C
Melting Point: 2°C

Specification

Item	Technology	Results
Content%	99.5	99.70
PH%	≤0.01	0.045
Water %	≤0.01	0.0087
Thermal stability(Pt-Co)	≤50	30
Solubility in water	Insoluble	Complies

Safety

Dimethyl phthalate is a common goods on transportation.
Always refer to the Material Safety Data Sheet (MSDS)

Applications

Phthalates make the long polyvinyl molecules to slide against one another. Minor quantity of phthalates are used in adhesives, caulk, sealants, paint to improve work performance, They are also used as ingredients of insect repellents, as solvents in lacquer and pesticides, and as dye carrier. They are used as textile lubricating agents and as solid rocket propellents

Packaging

230kg in iron drum
1 ton in IBC tank
1.5tons in IBC tank

Storage & Handling

Store in a cool, dry, well-ventilated area away from incompatible substances.
Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.

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