



*Specialized in chemicals*

Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center,  
Qianshan Rd. Hefei 230022 China

Tel : (0086) 551 5418695

Fax: (0086) 551 5418697

Email: info@tnjchem.com

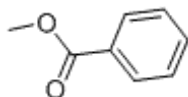
Site: www.tnjchem.com

## Technical Data Sheet

# Methyl benzoate

### Product Information

Chemical Name	Methyl benzoate
CAS #	93-58-3
Formula	C <sub>8</sub> H <sub>8</sub> O <sub>2</sub>
Molecular Weight	136.15
Synonyms	BENZOIC ACID METHYL ESTER;ESSENCE OF NIOBE;METHYL BENZOATE;OIL OF NIOBE;NIOBE OIL;
Chemical Structure	



### Description

Colourless to light yellow fragrant liquid

### Physical Properties

Melting point, °C .	-12.3
Boiling range, °C	198

### Specification

ITEMS OF ANALYSIS	SPECIFICATION
APPEARANCE	CLEAR, COLOURLESS, OILY LIQUID
PURITY (%)	99.0 MIN
COLOR (HAZEN)	20 MAX

SPECIFIC GRAVITY (20°C)	1.082-1.088
REFRACTIVE INDEX (20°C)	1.5140-1.5180
WATER (%)	0.1 MAX
ACIDITY (MGKOH/G)	1.0 MAX

### Safety

Very hazardous in case of ingestion. Hazardous in case of skin contact (irritant), of eye contact (irritant). Slightly hazardous in case of skin contact (permeator), of inhalation.

Always refer to the Material Safety Data Sheet (MSDS)

### Applications

1. Solvent for cellulose ether, cellulose ester, synthetic resin and rubber.
2. Dyeing auxiliary for polyester fiber.
3. Perfume industry: mainly used in the concoction of artificial Ylang spices and perfume compound for soap, also in the production of rose type essence.
4. Solvent for microscopic analysis.

### Packaging

200kg per drum.  
16mt per 20ft container

### Storage & Handling

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapour/spray. Wear suitable protective clothing If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes  
Flammable materials should be stored in a separate safety storage cabinet or room. Keep away from heat. Keep away from sources of ignition. Keep container tightly closed. Keep in a cool, well-ventilated place. Ground all equipment containing material. Keep container dry. Keep in a cool place.

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

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**Hefei TNJ Chemical Industry Co.,Ltd.**

B911 Xincheng Business Center  
Qianshan Road, Hefei  
230022 Anhui  
China

Tel : (0086) 551 5418695  
Fax: (0086) 551 5418697  
Email: [info@tnjchem.com](mailto:info@tnjchem.com)  
Site: [www.tnjchem.com](http://www.tnjchem.com)