**TNJ** ®

*Specialized in chemicals*

## Technical Data Sheet

# 1-Methoxy-2-propanol Acetate

## Product Information

Chemical Name        1-Methoxy-2-propanol Acetate,PMA

Chemical structure
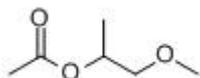


| | |
|---|---|
| CAS # | 108-65-6 |
| EINECS | C6H12O3 |
| Formula | 203-603-9 |
| Molecular Weight | 132.16 |
| Synonyms | Propylene glycol methyl ether acetate;1,2-Propanediol monomethyl ether acetate;PMA |

## Description

Colorless transparent liquid.

## Physical Properties

Color: Colorless transparent liquid

Melting point,     -87   °C .

Boiling range,     145~146 °C .

Specific Gravity,:   0.970 g/mL at 25 °C(lit.)

The vapor pressure of 3.7 mm Hg (20 °C)

Refractive index n20 / D 1.402

Water solubility     20°C, 19.8 g/l

Flash Point: 110ºC

Stability:   Flammable. Incompatible with strong oxidizing agents, acids, bases.

## Specification

| Item | Specification |
|------|---------------|
| Appearance | Colorless transparent liquid |
| Color (Pt-Co) | ≤ 10 |
| Purity, % | ≥ 99.5 |
| Moisture , % | ≤ 0.05 |
| Acidity, % | ≤ 0.02 |
| Distillation range | 143~149℃ |

## Applications

1-Methoxy-2-propanol Acetate PMA is a senior industrial solvent with low toxicity.

-- Mainly mainly used in TFT-LCD photo-resistance diluent in the production of LCD and optical resist,
photo-resist remover, stripping agent, detergent for IC, photo resist-removing buffer solution,
corrosive processing and other chemicals requiring special specification.
--   It is also used in the solvent of printing ink, paint, writing ink, textile dyestuff and oil.

## Packaging

200 kg per Steel drum
16 MT per 20ft container with pallets

## Storage & Handling

Stored in cool and airy place; away from fire and heat; handle with care;no breakage, avoid leakage.
It is valid for 1 year under proper condition.
1-Methoxy-2-propanol Acetate PMA is classified as Dangerous Good for transport (UN 3272, Class 3, Packing group III)

* Please refer to MSDS for more information about Safety, Storage and Transportation.