



## Methoxypropyl acetate

Updated: May 2019

CAS Number: 108-65-6

Methoxypropyl acetate (propylene glycol monomethyl ether acetate, propylene glycol methyl ether acetate) is a clear, slightly hygroscopic liquid with a mild odour. It is freely miscible with most common organic solvents, but has only limited miscibility with water. It dissolves numerous natural and synthetic resins, waxes, fats and oils [BASF].

### Usage and exposure:

Methoxypropyl acetate can be used as a solvent, flow improver and coalescent in coatings, flexographic, gravure and screen printing inks, adhesives, ball pen pastes, dyes in furniture polishes or wood stains, dye solutions and pastes for printing and colouring leather and textiles. [BASF].

### Routs of exposure

Eye, skin, respiratory tract

### Target organs

Eye, skin, respiratory tract

### Health hazards

Methoxypropyl acetate can cause chronic irritation of the respiratory tract, due to repeated exposure for coating and painting (spraying and decorative works) and for systemic toxicity due to repeated dermal exposure for formulation and industrial spraying scenarios [European Union Risk Assessment Report].

Methoxy propyl acetate may cause painful eye irritation and corneal injury. Repeated or prolonged contact with the skin in very large amounts may cause localized irritation, and in some severe cases may cause drowsiness or

dizziness. High or repeated exposure via inhalation may lead to adverse effects to the nasal passages, liver and kidneys [OPES].

### References:

- European Union Risk Assessment Report. 1-Methoxypropan-2-ol acetate CAS No: 108-65-6. (Draft).  
[https://echa.europa.eu/documents/10162/13630/trd\\_rar\\_hh\\_france\\_pgma\\_en\\_rt\\_f/8a63af6e-b096-4601-98f5-fae5321b5fa8](https://echa.europa.eu/documents/10162/13630/trd_rar_hh_france_pgma_en_rt_f/8a63af6e-b096-4601-98f5-fae5321b5fa8)
- BASF. Solvents. Methoxypropyl acetate.  
<http://www.solvents.basf.com/portal/streamer?fid=278911>
- OPES. Methoxypropyl acetate.  
<http://opeslimited.com/chemicals/methoxy-propyl-acetate-propylene-glycol-monomethyl-ether-acetate/>