

1. PRODUCT NAME: Glycol Ether PM Acetate
2. CHEMICAL NAME: 1-methoxy-2-propanol acetate
3. SYNONYMS:
4. CAS NUMBER: 108-65-6
5. COMPOSITION: 1-methoxy-2-propanol acetate - 100%

**IN CASE OF
TRANSPORT EMERGENCY
CONTACT CHEMTREC
USA: 1-800-424-9300
INTERNATIONAL: 1-703-527-3887**

6. PROPERTIES: ODOR & APPEARANCE: clear, colorless, hygroscopic liquid with mild pleasant odor
ODOR THRESHOLD: not known
VAPOUR PRESSURE: 3.5mmHg/0.5kPa (20 c)
EVAPORATION RATE (butyl Acetate=1): 0.34
VAPOR DENSITY (air=1): 4.6
BOILING RANGE: 146 c
FREEZING POINT: -67 c
SPECIFIC GRAVITY: 0.969 (20/20 c)
WATER SOLUBILITY: 198 grams per litre (20 c)
IN OTHER SOLVENTS: soluble in many organic solvents
VISCOSITY: 1.2 centipoise (20 c)
PH: none- this product does not generate hydrogen ions in water solution

7. HAZARDS: HMIS (USA): Health - 1, Fire - 2, Reactivity - 0
MATERIAL USE: solvent

8. FIRE FIGHTING INFORMATION: FLASH POINT: 42 c/108 F (closed cup)
AUTOIGNITION TEMPERATURE: 354c/670 F
FLAMMABLE LIMITS: 1.5% - 7%
COMBUSTION PRODUCTS: carbon monoxide, nitrogen oxides, smoke, part oxidized hydrocarbon fragments
FIREFIGHTING PRECAUTIONS: foam, dry chemical, water fog, water spray only to cool & dilute, product floats on water – water jet spreads flames; firefighters must wear SCBA
STATIC DISCHARGE: will not accumulate a static charge
MECHANICAL IMPACT: not sensitive
CHEMICAL STABILITY: stable; will not polymerize
REACTIVE WITH: strong oxidizing agents
DECOMPOSITION PRODUCTS: none apart from Hazardous Combustion Products

9. PERSONAL PROTECTION MEASURES: HANDS: nitrile gloves may be used, but not required
EYES: safety glasses with side shields – always protect eyes
VENTILATION: not required unless product mist or vapor is created by handling
CLOTHING: no special clothing required

10. FIRST AID PROCEDURES: SKIN: Wash with soap and plenty of water. Remove contaminated clothing and do not reuse until thoroughly cleaned or laundered.
EYES: Wash eyes with plenty of water, holding eyelids open. Seek medical assistance promptly if there is irritation.
INHALATION: Remove from contaminated area promptly. CAUTION: Rescuer must not endanger himself! If breathing stops, administer artificial respiration and seek medical aid promptly.
INGESTION: Give plenty of water to dilute product. Do not induce vomiting (NOTE below). Keep



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victim quiet. If vomiting occurs, lower victim's head below hips to prevent inhalation of vomited material. Seek medical help promptly.

NOTE: Inadvertent inhalation of vomited material may seriously damage the lungs. The risk and danger of this is greater than the risk of poisoning through absorption of this relatively low-toxicity product. The stomach should only be emptied under medical supervision, after the installation of an airway to protect the lungs.

11. EXPOSURE TWAEV ppm: 100ppm
LIMITS: LD50 ORAL: 8500
SKIN (mg/kg): over 5000
LC50ppm INHALATION: not known
*TWAEV/TLV not yet established. 100ppm is the recommendation of the American Industrial Hygiene Association.

12. TOXICOLOGICAL EFFECTS ACUTE EXPOSURE
INFORMATION: SKIN CONTACT: little to no effect
SKIN ABSORPTION: slight; no toxic effects likely by this route
EYE CONTACT: slightly irritating, will not damage eyes
INHALATION: vapor irritating above 100ppm; may cause headache, dizziness, drowsiness however, is it likely that irritation of the respiratory tract would become severe before these symptoms could occur
INGESTION: low toxicity, but ingestion of large quantity may cause symptoms similar to inhalation
EFFECTS OF CHRONIC EXPOSURE
GENERAL: prolonged exposure may cause skin cracking and dermatitis in sensitive individuals
SENSITIZING: not a sensitizer
REPRODUCTIVE EFFECT: no known effect on humans
SYNERGISTIC WITH: not known
LD50: 8500mg/kg (oral, rat); over 5000mg/kg (skin, rabbit)
LC50: not known

13. ECOLOGICAL This product cannot accumulate in living tissue – This product is readily and rapidly biodegradable in the presence of oxygen
INFORMATION:

14. DISPOSAL DO NOT FLUSH TO SEWER; may be incinerated in approved facility after mixing with a flammable
CONSIDERATIONS: product.

15. CARCINOGENIC Not considered a tumorigen or a carcinogen in humans or animals
PROPERTIES &
NOTIFICATIONS:

16. TRANSPORT USA 49 CFR
INFORMATION: Product identification number: UN – 1993
Shipping name: Flammable Liquids N.O.S, (propylene glycol methyl ether acetate)
Classification: Class 3; Packing group III
Label: Class 3 Flammable Liquid
Class: B3

17. HANDLING & Store and use a cool dry environment, away from sources of ignition, heat and oxidizing agents. Use with
STORAGE: adequate ventilation. Do not cut, drill, weld or grind on or near this container. Avoid prolonged contact with skin and wash work clothes frequently. An eye bath and safety shower should be available near the workplace.



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18. ACCIDENTAL LEAK PRECAUTION: dyke to control spillage and prevent environmental contamination.
RELEASE HANDLING SPILL: ventilate contaminated area; recover free liquid with suitable pumps; absorb residue
MEASURES: on an inert sorbent, sweep and pick up using plastic or aluminium shovel, & store in closed containers for recycling and disposal.

19. REGULATORY
INFORMATION: