

1. PRODUCT NAME: Glycol Ether DE Acetate
2. CHEMICAL NAME: Glycol Ether DE Acetate
3. SYNONYMS:
4. CAS NUMBER: 112-15-2
5. COMPOSITION Glycol Ether DE 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 liquid with mild ether odour
ODOR THRESHOLD: not known
VAPOUR PRESSURE: approx. 0.1mmHg/0.013kPa (20 c)
EVAPORATION RATE (butyl Acetate=1): 0.8
VAPOR DENSITY (air=1): 6.2
BOILING RANGE: 218 c/424 F
FREEZING POINT: -25 c/-13 F
SPECIFIC GRAVITY: 1.01 (20/20 c)
WATER SOLUBILITY: 100 grams per litre (20 c)
IN OTHER SOLVENTS: soluble in most organic solvents
VISCOSITY: 2.8centipoise (25 c)
PH: none-(does not liberate hydrogen ions when dissolved)

7. HAZARDS: Not classified as hazardous.

8. FIRE FIGHTING MEASURES: FLASH PONT: 107 c/225 F (closed cup)
AUTOIGNITION TEMPERATURE: 369 c/680 F
FLAMMABLE LIMITS: 1% - 19% not known
COMBUSTION PRODUCTS: carbon monoxide, nitrogen oxides, smoke, part oxidised hydrocarbon fragments
FIRE FIGHTING PROCAUTIONS: foam, dry chemical, water fog, water spray only to cool & dilute, product that float on water- water jets spreads flames; firefighters must wear SCBA
STATIC DISCHARGE: cannot 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: neoprene gloves may be worn but not required – consult supplier to conform suitability
EYES: safety glasses with side shields or chemical goggles – always protect the eyes
VENTILATION: not required, unless product mist or vapour is created by handling
CLOTHING: no special protective 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 victim quiet. If vomiting occurs, lower victim's head below hips to prevent inhalation of vomited material.



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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/mg/m³: not listed
LIMITS: LD50 ORAL: 3930
SKIN (mg/kg): 15,000
LC50 ppm INHALATION: not known

12. TOXICOLOGICAL EFFECTS ACUTE EXPOSSURE
INFORMATION: SKIN CONTACT: may be mildly irritating
SKIN ABSORPTION: slight; no toxic effects likely by this route
EYE CONTACT: slightly irritating, unlikely to damage eyes
INHALATION: vapour may irritate, but low vapour pressure greatly reduces risk of inhalation
INGESTION: may cause stomach discomfort; may cause diarrhoea.

13. ECOLOGICAL This product cannot accumulate in living tissue, rapidly biodegradeable in the presence of oxygen; 90%
INFORMATION: biodegradation in sewage sludge in 20 days; estimated half-life in air is 13 hours.

14. DISPOSAL DO NOT FLUSH IN SEWER; may be incinerated in approved facility.
CONSIDERAIONS:

15. CARCINOGENIC Not a human or animal carcinogen or tumorigen.
PROPERTIES &
NOTIFICATIONS:

16. TRANSPORT USA 49 CFR
INFORMATION: Product identification number: UN- not regulated for transportation
Shipping name: not regulated for transportation
Classification: not regulated
Label: none required
WHMIS Class (Canada): none controlled under WHMIS
HMIS (U.S.A): Health - 1, Fire -1, Reactivity - 0
Material use: solvent

17. HANDLING & Handling and Storage: Store in a cool, dry environment, away from sources of ignition, heat and oxidizing
STORAGE: agents. 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.
ATMOSPHERIC STANDARDS: This action promulgates standards of performance for equipment leaks of Volatile Organic Compounds (VOC) in the Synthetic Organic Chemical Manufacturing Industry (SOCMI). The intended effect of these standards is to require all newly constructed, modified, and reconstructed SOCMI process units to use the best demonstrated system of continuous emission reduction for equipment leaks of VOC, considering costs, non air quality health and environmental impact and energy requirements. Diethylene glycol monoethyl ether acetate is produced, as an intermediate or final product, by process units covered under this subpart.
TSCA REQUIREMENTS: Pursuant to section 8(d) of TSCA, EPA promulgated a model health and safety data reporting rule. The section 8(d) model rule required manufactures, Importers, and processors of listed chemical substances and mixtures to submit to EPA copies and lists of unpublished health and safety studies. Ethanol, 2-(2-ethoxyethoxy)-, acetate is included on this list. Section 8(d) of TSCA requires manufac-



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tures of this chemical substance to report preliminary assessment information concerned with production, use, and exposure to EPA as cited in the preamble in 51 FR 41329.

FDA REQUIREMENTS: Diisobutyl is an indirect food additive use only as a component of adhesives

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, shovel, & store in closed containers for recycling or disposal.