



## MATERIAL SAFETY DATA SHEET

2522 Plantation Center Drive  
Matthews, NC 28105  
(704) 845 9440

www.ciscochem.com

1. PRODUCT NAME: Glycol Ether DB Acetate
2. CHEMICAL NAME: Glycol Ether DB Acetate
3. SYNONYMS:
4. CAS NUMBER: 124-17-4
5. COMPOSITION Glycol Ether DB 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 slight odour  
ODOR THRESHOLD: not known  
VAPOUR PRESSURE: approx. 0.04mmHg/0.005kPa (20 c)  
EVAPORATION RATE (butyl Acetate=1): below 0.01 – not considered volatile  
VAPOR DENSITY (air=1): 8.4  
BOILING RANGE: 245 c/473 F  
FREEZING POINT: -32 c/-23 F  
SPECIFIC GRAVITY: 0.954 (20/20 c)  
WATER SOLUBILITY: 65 grams per litre (20 c) – also given as 31 grams per litre (25 c)  
IN OTHER SOLVENTS: soluble in most organic solvents  
VISCOSITY: 5.6centipoise (25 c)  
PH: none-(does not liberate hydrogen ions when dissolved)

7. HAZARDS: Not classified as hazardous.

8. FIRE FIGHTING FLASH PONT: 116 c/214 F (closed cup)  
MEASURES: AUTOIGNITION TEMPERATURE: 299 c/570 F  
FLAMMABLE LIMITS: 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: will not accumulate a static charge  
MECHANICAL IMPACT: not sensitive  
CHEMICAL STABILITY: stable; will not polymerize  
REACTIVE WITH: strong oxidizing agents  
DECOMPOSITION PRODUCTS: may from peroxides on prolonged storage

9. PERSONAL PROTECTION HANDS: butyl or nitrile recommended – consult supplier to conform suitability  
EYES: safety glasses with side shields – always protect the eyes  
MEASURES: VENTILATION: not required, unless product mist or vapour is created by handling or heating  
CLOTHING: no special protective clothing required  
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manufactures, Importers, and processors of listed chemical substances and mixtures to submit to EPA copies and lists of unpublished health and safety studies. Butyl carbitol acetate is included on this list. Manufactures and processors of diethylene glycol butyl ether acetate required to conduct subchronic toxicity, neurotoxicity/behavioral effects, developmental neurotoxicity, and pharmacokinetic test under TSCA section 4.



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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. 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 LIMITS: TWAEV ppm/mg/m<sup>3</sup>: not listed  
LD50 ORAL: 2260  
SKIN (mg/kg): 14,500  
LC50 ppm INHALATION: 8700
12. TOXICOLOGICAL INFORMATION: EFFECTS ACUTE EXPOSURE  
SKIN CONTACT: mildly irritating, possible redness  
SKIN ABSORPTION: slight; no toxic effects likely by this route  
EYE CONTACT: mildly irritating, will not damage eyes  
INHALATION: vapour may irritate, but very low vapour pressure greatly reduces risk of inhalation  
INGESTION: burning sensation in mouth & throat; may cause stomach discomfort, nausea,  
EFFECTS OF CHRONIC EXPOSURE  
GENERAL: prolonged exposure may cause skin exfoliation and reddening in hot climates  
SENSITISING: not a sensitiser  
CARCINOGENIC: not a human or animal carcinogen or tumorigen  
REPRODUCTIVE EFFECT: no known effect in humans  
SYNERGISTIC WITH: not known  
LD50: 6500mg/kg (oral, rat), 6300mg/kg (oral, mouse); 2260mg/kg (oral rabbit); 2340mg/kg (oral guinea pig); 14,500mg/kg (skin, rabbit)  
LC50: 8700ppm/72,500mg/m<sup>3</sup> (inhalation, rat)
13. ECOLOGICAL INFORMATION: This product cannot accumulate in living tissue, this product is readily & rapidly biodegradable in water; (rate not available); half-life in air estimated at 11 hours.
14. DISPOSAL CONSIDERATIONS: DO NOT FLUSH IN SEWER; may be incinerated in approved facility.
15. CARCINOGENIC PROPERTIES & NOTIFICATIONS: Not a human or animal carcinogen or tumorigen.
16. TRANSPORT INFORMATION: USA 49 CFR  
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



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HMIS (U.S.A): Health – 1, Fire –1, Reactivity – 0  
Material use: solvent, coupling agent, plasticiser

17. HANDLING & STORAGE: Store in a cool, dry environment, away from sources of ignition, heat and oxidizing agents. Use with adequate ventilation. If prolonged storage of part drum is anticipated, flush headspace with nitrogen prior to sealing. 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.
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.