GLYCOL ETHERS (Cellosolves®)

Glycol ethers are versatile solvents with mild odors. A small number of common glycol ethers are considered reproductive hazards and should not be used.

Glycol Ethers to Avoid
- Ethylene glycol ethyl ether (EGEE, ethylene glycol monoethyl ether, ethoxyethanol, Cellosolve®)
- Ethylene glycol ethyl ether acetate (EGEEA, ethylene glycol monoethyl ether acetate, ethoxyethanol acetate, Cellosolve Acetate®)
- Ethylene glycol methyl ether (EGME, ethylene glycol monomethyl ether, methoxyethanol, Methyl Cellosolve®)
- Ethylene glycol methyl ether acetate (EGMEA, ethylene glycol monomethyl ether acetate, methoxyethanol acetate, Methyl Cellosolve Acetate®)
- Ethylene glycol dimethyl ether (EGDME)
- Ethylene glycol diethyl ether (EGDEE)
- Diethylene glycol dimethyl ether (DEGDME)
- Diethylene glycol diethyl ether (DEGDEE)
- Triethylene glycol dimethyl ether (TEGDME)

Hazards of Listed Glycol Ethers
- Have reproductive and developmental toxicity based on results of animal studies
- Recent studies in the semi-conductor industry indicate that these glycol ethers could have similar effects at very low exposure levels in humans

Safety Practices
- Discontinue use of any of the listed glycol ethers
- Use heavy butyl rubber gloves to prevent skin contact
- Keep the material covered and work in a hood to prevent respiratory exposure
- Call EH&S for assistance in developing safety practices

Visit www.ehs.ucr.edu for additional information or call EH&S at 827-5528 if you have any questions.