



Material Safety Data Sheet

Ethylene glycol MSDS

Section 1: Chemical Product and Company Identification

Product Name: Ethylene glycol

Contact Information:

CAS#: 107-21-1

ProChem, Inc.
826 Roosevelt Rd.
Rockford IL 61109

RTECS: KW2975000

(800) 795-8788

TSCA: TSCA 8(b) inventory: Ethylene glycol

CI#: Not available.

CHEMTREC (24HR Emergency Telephone), call:
1-800-424-9300

Synonym: 1,2-Dihydroxyethane; 1,2-Ethandiol;
1,2-Ethandiol; Ethylene dihydrate; Glycol alcohol;
Monoethylene glycol; Tescol

International CHEMTREC, call: 1-703-527-3887

Chemical Name: Ethylene Glycol

Chemical Formula: HOCH₂CH₂OH

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Ethylene glycol	107-21-1	100

Toxicological Data on Ingredients: Ethylene glycol: ORAL (LD50): Acute: 4700 mg/kg [Rat]. 5500 mg/kg [Mouse]. 6610 mg/kg [Guinea pig]. VAPOR (LC50): Acute: >200 mg/m 4 hours [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:

Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of inhalation. Severe over-exposure can result in death.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: A4 (Not classifiable for human or animal.) by ACGIH.

MUTAGENIC EFFECTS: Mutagenic for mammalian somatic cells. Non-mutagenic for bacteria and/or yeast.

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available.

The substance may be toxic to kidneys, liver, central nervous system (CNS).

Repeated or prolonged exposure to the substance can produce target organs damage. Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human