



2-CHLORO ETHANOL

PRODUCT CODE R04506

SYNONYMS Ethylene chlorhydrin

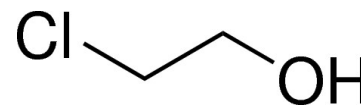
C.I. NO. --

CASR NO. 107-07-3

ATOMIC OR MOLECULAR FORMULA C₂H₅ClO

ATOMIC OR MOLECULAR WEIGHT 80.51

PROPERTIES --



PARAMETER **LIMIT**

Description A clear colourless liquid, with a faint ethereal odour.

Solubility Miscible with water.

Minimum assay (By GC) 98.0%

Wt. per ml at 20°C 1.201 - 1.203 g

Refractive Index (n)_D²⁰ 1.440 - 1.444

Note(s): 1] Assay (if applicable) method mentioned.

DANGER

HAZARD STATEMENTS : Flammable liquid and vapour. Combustible Liquid. Toxic if inhaled. Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Toxic to aquatic life with long lasting effects.

IMDG Code : 6.1/I

UN No. 1135

IATA : 6.1

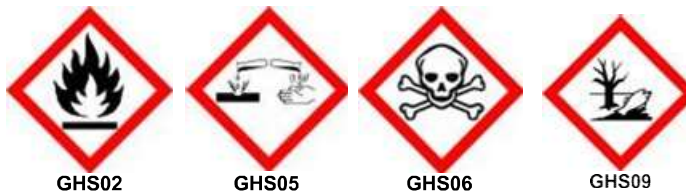
PRECAUTIONARY STATEMENTS :

Prevention : Keep away from flames and hot surfaces. Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust or mist. Use explosion-proof electrical/ventilating/lighting/equipment. Wash thoroughly after handling. Wear protective gloves/clothing and eye/face protection. Use only outdoors or in a well ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray.

Response : Call a POISON CENTER or doctor/physician if you feel unwell. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Keep container tightly closed. Immediately call a POISON CENTER or doctor/physician. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. In case of fire, use alcohol-type foam for extinction. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of fire, use dry agent for extinction. Specific treatment: refer to Label or MSDS. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

Disposal : Add in small quantities to large, stirred excess of water, keeping the final concentration less than 2%. Neutralize with 5% sodium hydroxide soln. and run to waste with large quantities of running water.

Hazard Pictogram(s) :



Replace Date 1 April 2023

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