



ETHYLENE GLYCOL FOR SYNTHESIS

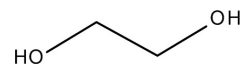
PRODUCT CODE R01192

SYNONYMS Ethanediol

C.I. NO. N/A

CASR NO. 107-21-1

ATOMIC OR MOLECULAR FORMULA C₂H₆O₂
ATOMIC OR MOLECULAR WEIGHT 62.07

PROPERTIES Hygroscopic, Combustible.

PARAMETER **LIMIT**

Description A clear liquid, colour not more than 10 Hazen units.

Solubility Mix 25 ml sample with 25 ml of water forms clear & colourless solution.

Minimum Assay(BY GC) 99.0%

Wt.per ml at 20°C 1.112 - 1.115 g

Boiling Range (194 - 199°C) Min. 95.0%

MAXIMUM LIMIT OF IMPURITIES

Acidity 0.1 ml N%

Sulphated ash 0.01%

Note(s) : Assay (if applicable) method mentioned.
DANGER
HAZARD STATEMENTS : May cause drowsiness and dizziness. Harmful if swallowed. Causes mild skin irritation. Causes eye irritation. May damage fertility. May damage the unborn child

PRECAUTIONARY STATEMENTS :

Prevention :Use personal protective equipment as required. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

Response : If eye irritation persists, get medical advice/attention.If exposed or concerned: Get medical attention advice.If skin irritation occurs, seek medical advice/attention.Specific treatment: refer to Label or MSDS.IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

IMDG Code : 9/III

UN No. 3082

IATA 9

Hazard pictogram(s) :



GHS07



GHS08

Replace Date 1 April 2023