

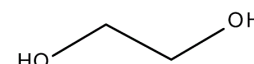


Product Specification

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ETHYLENE GLYCOL FOR SYNTHESIS

PRODUCT CODE	085545
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
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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 scubber.

IMDG Code : 9/III
UN No. : 3082
IATA : 9

Hazard pictogram(s) :



GHS07



GHS08

Replace date 29-May-2023