

ETHYLENE GLYCOL AR

PRODUCT CODE	523575	
SYNONYMS	Ethanediol	
C.I. NO.	--	
CASR NO.	(107-21-1)	
ATOMIC OR MOLECULAR FORMULA	C₂H₆O₂	
ATOMIC OR MOLECULAR WEIGHT	62.07	
PROPERTIES	Hygroscopic, Combustile.	
PARAMETER	LIMIT	
Description	A clear liquid, colourless 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	1.112-1.114 g	
Boiling point (195-199° C)	Min. 95.0%	
Refractive index (n) ₂₀ D	1.431-1.432	
MAXIMUM LIMIT OF IMPURITIES		
Water	0.1%	
Acidity	0.0005%	
Sulphated ash	0.005%	
Chloride (Cl)	0.00002%	
Sulphate (SO ₄)	0.002%	
Iron (Fe)	0.0001%	
Heavy metals (Pb)	0.0001%	
Note(s): Assay (if applicable) method mentioned.		
WARNING Hazard statements : Harmful if swallowed. May cause allergic skin reaction. May causedamage to organs through prolonged or repeated exposure. Harmful to aquatic life withlong lasting effects. Precautionary statements Prevention: Wash hands thoroughly after handling. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas/mist/vapours /spray. Do not eat, drinkor smoke when using this product. Contaminated clothing should not be allowed out of theworkplace. Response: If skin irritation or rash occurs, seek medical advice/attention. Get medicaladvice/attention if you feel unwell. IF ON SKIN: Gently wash with plenty of soap and water.Specific treatment: refer to Label or MSDS. Wash contaminated clothing before reuse..		IMDG Code :9/III UN No. : 3082 IATA : 9
Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities ofwater. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums forcollection by specialist disposal company. The waste chemical should be buried on a stage approved site .The liquidshould be absorbed on sand.		
Hazard Pictogram(s) :   GHS07 GHS08		

Replace date 25-Oct-2025