

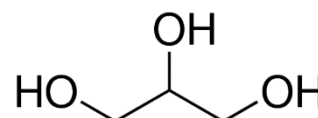


Product Specification

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GLYCERINE AR

PRODUCT CODE	537055
SYNONYMS	Glycerol
C.I. NO.	N/A
CASR NO.	56-81 -5
ATOMIC OR MOLECULARFORMULA	C₃H₈O₃
ATOMIC OR MOLECULARWEIGHT	92.09
PROPERTIES	Hygroscopic, Combustible.



PARAMETER	LIMIT
Description	A clear viscous liquid, not more than 10 Hazen units in colour.
Solubility	Miscible with water & with industrial methylated spirit forming clear and colourless solution.
Identification (By FTIR)	Passes test.
Minimum assay(By GC)	99.5%
Reaction	pH 6.0 - 7.0
Wt.per ml at 20°C	1.257 - 1.261 g
Refractive Index(n) 20 D	1.471-1.473

MAXIMUM LIMIT OF IMPURITIES	
Sulphated ash	0.005%
Chloride (Cl)	0.0001%
Sulphate (SO ₄)	0.0005%
Arsenic (As)	0.0001%
Iron (Fe)	0.00005%
Lead (Pb)	0.00005%
Heavy metals (Pb)	0.0005%
Esters of fatty acids (glycerol tributryate)	Passes test.
Sugar (glucose)	Passes test.
Acidity or alkalinity	Passes test.
Aldehydes	Passes test.
Related substances	Passes test.
Halogenated compounds (as Cl)	0.003%
Water	2.0%
Organic volatile impurities	Meets the requirement.
Ethylene Glycol & related substance (GC)	Passes test.

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

WARNING	IMDG Code : --
Hazard statements: Not hazardous. No hazards.	UN No. : --
Precautionary statements	IATA : --
Prevention: -----	
Response: -----	
Disposal: -----	



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Hazard Pictogram(s) :-----