

GLYCERIN

Gliceryna



M = 92,1 g/mol

CAS: 56-81-5

WE: 200-289-5

H: not applicable

P: not applicable

RID/ADR: not applicable UN: not applicable

Physical and chemical properties:

Character:	liquid	bottom:	0,9 v/v
Colour:	colourless	top:	no data
Odor:	odorless	Vapour pressure:	<0,01 mmHg (20°C)
pH:	5,5 - 8	Density:	1,26 g/cm ³ (20°C)
Melting point:	20°C	Solubility	
Boiling point:	182°C	in water:	soluble
Auto - ignition temperature:	approx 370°C	in organic solvents:	no data
Ignition temperature:	160°C		
Explosion limits:			

Glycerin purified

CHEM*324433203

2.5 l	3 l	Assay	min. 98,0 %
5 l	10 l	Water	max. 2 %
20 l	30 l	Acids (as CH ₃ COOH)	max. 0,002 %
60 l	200 l	Aldehydes and substances reducing	passes test
		Chlorides (Cl)	max. 0,001 %
		Sulfates (SO ₄)	max. 0,002 %
		Heavy metals (as Pb)	max. 0,001 %
		Iron (Fe)	max. 0,0002 %

Glycerin pure

CHEM*424433203

100 ml	250 ml	Assay	98,5 – 100,0 %
500 ml	1 l	Water	max. 1,5 %
2.5 l	3 l	Acids (as CH ₃ COOH)	max. 0,001 %
5 l	10 l	Aldehydes i substances reducing	passes test
20 l	30 l	Esters (as glycerol tributyrat)	max. 0,1 %
60 l		Organic halogenated	max. 0,0005 %
		Sulfated ash	max. 0,01 %
		Chlorides (Cl)	max. 0,0005 %
		Sulfates (SO ₄)	max. 0,001 %
		Heavy metals (as Pb)	max. 0,0005 %
		Arsenic (As)	max. 0,0002 %
		Iron (Fe)	max. 0,0001 %