

SYSTEM

Specification

PRODUCT NAME : Ethylene Glycol, ChemAR[®]
CATALOGUE NUMBER : ET379-90
FORMULA : C₂H₆O₂
MOLECULAR WEIGHT : 62.07
CAS. NUMBER : [107-21-1]

IMDG class : UN No : Packaging group :
HAZARD STATEMENT: H302
PRECAUTIONARY STATEMENT: P301+P310
Risiko (Risks):R22
Keselamatan (Safety) :S36

Specification

Assay (GC)	min.99.5	%
Identity(IR)	passes	test
Density 20/4 ^o	1.113-----	1.117
Insoluble matter in water	passes	test
Ignition residue(in SO ₄)	max.0.003	%
Diethyleneglycol(GC)	max.0.05	%
Acidity(as CH ₃ COOH)	max.0.005	%
Water(H ₂ O)	max.0.1	%
Chloride(Cl)	max.0.001	%
Sulfate(SO ₄)	max.0.002	%
Cadmium(Cd)	max0.000005	%
Calcium(Ca)	max.0.00005	%
Cobalt(Co)	max.0.000002	%
Chromium(Cr)	max.0.000002	%
Copper(Cu)	max.0.000002	%
Iron(Fe)	max.0.00001	%
Lead(Pb)	max.0.00001	%
Magnesium(Mg)	max.0.00001	%
Manganese(Mn)	max.0.000002	%
Nickel(Ni)	max.0.000002	%
Zinc(Zn)	max.0.00001	%
Wt/ml at 20°C	1.11g	
Melting point:	-12°C	
Boiling point:	198°C	



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