

Specifications

Property	Value
Refractive Index	<i>n</i> _{20/D} 1.407(lit.)
Identity (IR)	complying
Assay (GC)	Min. 99.9 %
Density (20°C)	0.886 - 0.888 g/ml
Refractive index (n 20/D)	1.406 - 1.408
Non-volatile matter	Max. 0.001 %
Water (Karl Fischer)	Max. 0.05 %
Free acid (as CH ₃ COOH)	Max. 0.001 %
Aluminium (Al)	Max. 0.00005 %
Boron (B)	Max. 0.000002 %
Barium (Ba)	Max. 0.00001 %
Bismuth (Bi)	Max. 0.00001 %
Calcium (Ca)	Max. 0.00005 %
Cadmium (Cd)	Max. 0.000005 %
Cobalt (Co)	Max. 0.000002 %
Chromium (Cr)	Max. 0.000002 %
Copper (Cu)	Max. 0.000002 %
Iron (Fe)	Max. 0.00001 %
Potassium (K)	Max. 0.00005 %
Lithium (Li)	Max. 0.00001 %
Magnesium (Mg)	Max. 0.00001 %
Manganese (Mn)	Max. 0.000002 %
Molybdenum (Mo)	Max. 0.00001 %
Sodium (Na)	Max. 0.00005 %
Nickel (Ni)	Max. 0.000002 %
Lead (Pb)	Max. 0.00001 %
Tin (Sn)	Max. 0.00001 %
Strontium (Sr)	Max. 0.00001 %
Zinc (Zn)	Max. 0.00001 %
Peroxides (as H ₂ O ₂)	Max. 0.005 %
Assay BHT (GC)	200 - 300 ppm
Mixable with H ₂ O	complying
Mixable with ethanol	complying
APHA	Max. 20
Contains	250 ppm BHT as inhibitor

Properties

Property	Value
Boiling Point/Range	65 °C (1.013 hPa)
Color	Colorless
Density	0.89 g/cm ³ (20 °C)
Flashpoint	-21 °C
Form	Liquid
Grade	ACS General Use Solvents
Incompatible Materials	Oxidizing agents, Strong acids and strong bases
Lower Explosion Limit	1,5 %(V)
Melting Point/Range	-108 °C
Partition Coefficient	0.45 (20 °C)
Purity Percentage	99.9
Purity Details	>=99.9%
Solubility	Soluble in most organic solvents
Solubility in Water	Completely miscible
Upper Explosion Limit	12 %(V)
Vapor Pressure	200 hPa (20 °C)
Viscosity	0.48 mPa.s (20 °C)
pH-Value	Neutral
Product Line	Puriss. p.a.
Storage Temperature	Ambient

Safety Information

Value

GHS07-Harmful



GHS Classification GHS08-Health Hazard



GHS02-Flammable



	Value
Precautionary Statements	Obtain special instructions before use.;Do not handle until all safety precautions have been read and understood.;Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.;Keep container tightly closed.;Ground/bond con
Hazard Class	3
Package Group	II
UN ID	UN2056