

Product Specification

Emergent Industrial Solutions, Inc.
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Glycerin, USP Kosher

Specification # SP-900

CAS# 56-81-5

Revised 4/15/08

Description

Glycerin is used as a food or personal care additive, as a solvent, as a carrier fluid, for oilfield applications, as an additive to liquid soaps and antifreeze, and in window cleaning fluids. Refined glycerin may be used in the manufacture of alkyd resin, cellophane, ester gums, plasticizer, dynamite, nitroglycerine, cosmetics, liquid soap, and in perfumes. Other uses may include use as an additive to keep fabrics pliable, to preserve printing on cotton, and in many other applications.

Property

Description
Solubility
Assay
Color, APHA
Identification IR
Specific Gravity, g/ml @ 25/25 C
Residue on Ignition, wt%
Water, wt%
Chloride, %
Sulfate, %
Heavy Metals, ppm
Chlorinated Compounds
Organic Volatile Impurities
Fatty Acids and Ester (mL of 0.5 N NaOH)
Limit of Diethylene Glycol and Related Compounds
Assay, Anhydrous Basis, wt %
Residual Solvents

EINECS Number

Specification

Passes
Passes
99.7 min
10 max
Passes
1.2612
0.01 max
5.0 max
0.001 max
0.002 max
5 max
0.003 max
Passes
1.0 max, passes
Passes
99.0 - 101.0
Passes

200-289-5

Conforms to USP 30

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