

Product Specification

Emergent Industrial Solutions, LP
16810 Bridle Oak Drive
Cypress, TX 77433
281-213-3822

Glycerin, Partially Refined Biodiesel Derived

Specification # SP- 727

CAS# 56-81-5

Revised 1/21/08

Description

Glycerin is used 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.

Specifications

| | |
|----------------------------|---|
| Appearance | Dark Amber, free of solids & suspended matter |
| Glycerin, wt% min | 50.0 |
| Water, wt% max | 25.0 |
| Methanol, wt% max | 3.0 |
| Ash, wt% max | 4.0 |
| MONG, wt% | 25.0 |
| Chlorides / Salts, wt% max | |
| pH | |

Typicals

| | |
|------------------------|---------|
| Glycerin, wt% | 52.8 |
| Water, wt% | 20.9 |
| Methanol, wt% | 2.3 |
| Ash, wt% | 2.8 |
| MONG, wt% | 23.5 |
| Chlorides / Salts, wt% | No Data |
| pH | No Data |

Notes:

1. Other impurities include constituents normally produced in the process of manufacturing biodiesel.

The information in this document is, to our knowledge, true and accurate. However, since the particular uses and the actual conditions of use of our products is beyond our control, establishing satisfactory performance of this product for the intended application is the customer's sole responsibility. All uses of our products and any written or oral information, suggestions or technical advice from Emergent Industrial Solutions, LP (EIS) are without warranty, express or implied, and are not an inducement to use any process or product in conflict with any patent.

This product is not designed or manufactured for human consumption, use in implantation in the human body or in contact with internal body fluids or tissues. EIS makes no representation, promise, express warranty or implies warranty concerning the suitability of these materials for use in implantation in the human body or in contact with internal body tissues or fluids.