



997™ High Purity Glycerin

Description

Adapt 997 Glycerin, 99.7% High Purity Glycerin

Cas# 56-81-5

Formula C₃H₈O₃

Adapt 997 glycerin is derived from vegetable-based triglycerides (oil/fat) on dedicated equipment by methanolysis and refined to a high purity via distillation. The overall process produces glycerin quality that meets all USP, FCC, EP, and ACS specifications. Adapt 997 is a water white liquid with no color.

General Information

Product Specifications

- Certified as Kosher by Ajdut Isreal
- Meets Specifications set for by USP
- Meets Specifications set for by EP
- Meets Specifications set for by ACS
- Is 100% vegetable-derived

Applications

Adapt 997 high purity glycerin is intended for use in non-regulated industries that require high purity glycerin that require high purity glycerin but not the approval of the FDA. Adapt 997 is used ideally as:

- A chemical intermediated polyol, alkyd resin, explosive, etc.
- A physical property modifier i.e. freeze point depression, de-icing, lubricants, etc. A microbial or catalytic processing system feedstock.

Physical Properties

Stable and soluble in water and miscible with ethanol, slightly soluble in acetone. Not soluble in chloroform

Boiling Point:	>290°C
Viscosity:	1410 cp @ 20°C 32 cp @ 80°C
Specific Gravity	1.25 @ 760 mmHg / 22°C
Flash Point	>200°C
Color	<10 hazen units
Refractive Index	1.47399 @ 20°C
Caloric Value	19,000 KJ/Kg

Conformational Statements

Adapt 997 High purity Glycerin is refined glycerin manufactured in order to meet the highest level of product quality and the lowest level of impurities. The following quality statements are available for adapt 997 High Purity Glycerin:

- Preservatives and additives are not present
- Due to our process conditions, we do not believe that microbiological activities exist within Adapt 997
- Bovine Spongiform Encephalopathy (BSE) and Transmissible Spongiform Encephalopathy (TSE) are not a concern with Adapt 997 High Purity Glycerin
- Microbial Contamination is not expected to be a concern as our manufacturing process contains a distillation step which is self-sterilizing, destroying potential microbes. Moreover, glycerin contains low available moisture and has inherent microbial properties as a concentrated solution.
- Adapt 997 is a non-organic material.

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