

## Glycolide Spec Document

---

### Overview:

This document details the product specified above. It includes general information about the chemical, necessary safety precautions, testing requirements, packaging information, storage requirements, length of shelf life, and product safety statement.

---

### General Information:

Chemical Formula: C<sub>4</sub>H<sub>4</sub>O<sub>4</sub>  
Common Name: Glycolide  
CAS Number: 502-97-6  
IUPAC Name: 1,4-Dioxane-2,5-dione  
Product Code: 052-02-003  
Appearance: White crystalline solid  
Molecular Weight: 116.07 g/mol

---

### Testing Requirements:

TEST	LIMITS
Appearance	White crystalline solid
Moisture Content	< 200 ppm
Free Acid	≤ 3.00 meq/kg
Melt Point	82 - 86 °C
Purity	≥ 99.5% by area
Solvent Content	< 2000 ppm

---

**Packaging:**

- Product is packaged in a moisture resistant dry gas inerted foil bag.

---

**Storage & Expiration:**

Recommended storage conditions: < - 10 °C

Material Expires 6 months after the date of manufacture.

---

**Product Statement:**

This material does not contain substances which are carcinogenic, mutagenic or toxic to reproduction, disrupters of endocrine function, substances of the phthalates family, or, any of the following materials at concentrations greater than 0.1% by weight (1,000 ppm): Dicyclohexyl phthalate (DCHP), BPA (Bis-phenol A), Diisobutyl phthalate (DIBP), Benzyl butyl phthalate (BBP), Bis (2-ethylhexyl) phthalate (DEHP), or Dibutyl phthalate (DBP). There are no animal byproducts in this material.