

ε-Caprolactone

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: C₆H₁₀O₂
Common Name: ε-caprolactone
CAS Number: 2453-03-04
IUPAC Name Oxepan-2-one
Product Code: 052-02-017
Appearance: Clear Colorless liquid
Molecular Weight: 116.07

Testing Requirements:

Test	Limits
Appearance	Clear, Colorless, Liquid
Moisture Content	< 150 ppm
Acid Value	≤ 0.2 mg KOH/ g
Purity	≥ 99.5% by area

Packaging:

Product is packaged in a moisture resistant dry gas inerted glass bottle.

Storage & Expiration:

Recommended storage conditions: - 10 °C ± 10

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.