

Glutaraldehyde Technical Grade

Product Description

Chemical Name: Glutaraldehyde (GTA)

Synonym: 1,5-Pentanedial, Glutaric dialdehyde

Chemical Structure:



Empirical Formula	C ₅ H ₈ O ₂
Molecular Weight	100.12
CAS No.	111-30-8
EINECS No.	203-856-5

Typical Physical Properties for 50% materials:

Appearance	Colorless and transparent liquid
Specific Gravity, (20/20 °C)	1.12
Boiling Point	101 °C
Flash Point	N/A
Solubility in Water	1000g/L

Commodity Specification:

Item	25% Grade	50% Grade
Appearance	Colorless to light yellowish liquid	
Content, (by GC)	25+/-0.5%	50+/-0.5%
Color (APHA)	40 max	80 max
PH	3.0—5.0	

Application Direction

General Information: It is frequently used as a disinfecting agent and sterilizing agent, leather tanning agent or as a fixative for light or electron microscopy.

Packing & Storage

Normally packed in 220 kgs net UN approved plastic drums, sea-worthy for exporting, can also packed in IBC (1,100 kgs net).

Stored in cool and dry airflowing area preventing sunlight.

Stability - Shelf Life

About 6 months in unopened containers at room temperatures.

Safety Materials

Material Safety Data Sheet (MSDS) is available separately.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. ONICHEM shall not be held liable for any damage resulting from the use of the above product. The users are suggested to select the suitability of the products and methods of application.