Technical Data Sheet

Item Name:

C5H8O2

PRODUCT INFORMATION

Chinese Name:	戊二醛
Commodity Name:	Glutaric Dialdehyde
Chemical Name:	Glutaric Dialdehyde
Other Name:	Glutaraldehyde, 1,5-Pentanedial, GDA
CAS No.:	111-30-8
Molecular Weight:	100.12
Molecular Formula:	$C_5H_8O_2$
DG Class:	8 (6.1)
UN No.:	2922
Packing Group:	II

PRODUCT DESCRIPTION

Glutaraldehyde have pungent odor colorless transparent oily liquid with pungent odor. Not easily soluble in water, and soluble in hot water, soluble in organic solvents such as ethanol and ether. Easily aggregation, if necessary, can add nonionic surfactant such as methanol or fatty alcohol polyethylene glycol ether as a stabilizer.Because the single product is not easily to save. The goods are often saved in the form of 25% aqueous solution. Have irritation to the skin, eye, respiratory tract.

TECHNICAL SPECIFICATION

Index	Standard	
Appearance	Colorless to light yellow transparent liquid	
Content by wt %	25 min	50 min
pH value	3 - 5	3 - 5

MAIN APPLICATION

1.It can be used as an antiseptic disinfectant acrolein, organic intermediates, tanning agent, oil field water injection fungicide, etc.

2. Glutaraldehyde can be used as fixing agent for sample in the cell biology test . it is a kind of bifunctional crosslinking agent, with strong crosslinking ability, good effect of protein, and won't destroy the structure of the cytoskeleton.(often used in endoscopy gastroscopy, colonoscopy) or disinfection for optical instrument.

PACKING AND SHELF LIFE

Packing: 25/208L HDPE drum, 1050L IBC or ISO TANK
Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.