



RXSOL

CHEMO PHARMA INTERNATIONAL

Technical Data Sheet (TDS)

RXSOL-19-1196-025
GLUTARALDEHYDE

Description :

Glutaraldehyde is a colorless to yellow liquid, with a pungent odour. It is also miscible with water.

Formula.....C5H8O2

Molecular Weight.....1.00.1

CAS Registry Number....111-30-8

Synonyms : -Glutaraldehyde, Pentanedial, 1,5-Pentandial, Glutaral

Application :

Intermediate used in the production of:

- Photographic chemicals
- Crop protection
- Pharmaceuticals
- Corrosion inhibitors

Product Specification :

Product Specification	Value	Test Method
Assay %	50.0 - 51.0	Titrimetric
Methanol % Maximum	0.50	GC
pH Value	3.2-4.2	DIN 19 268
Colour APHA Maximum	50	DIN En 1557

Physical Properties :

Form	:	Liquid
Colour	:	Colourless to Yellow
Odour	:	Pungent odour
Flash point	:	> 95 °C
Boiling Point	:	101.5 °C (987.1 hPa)
Density	:	1.13 g/cm3
Flammability	:	Not Flammable
Solubility in Water	:	Soluble

Storage and Handling :

Glutaraldehyde storage original containers and kept below 25°C. Ensure thorough ventilation of stores and work areas. Avoid aerosol formation and keep under inert gas.

Safety :

Glutaraldehyde is irritating and can be toxic to skin, eyes and respiratory system. Will cause burns and sensitization by inhalation and skin contact.

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