



# Technical Data Sheet

## Glutaraldehyde 50%

<b>Chemical Formula</b>	: C <sub>5</sub> H <sub>8</sub> O <sub>2</sub>
<b>Molecular Weight</b>	: 100.12 g/mol
<b>EC No.</b>	: 203-856-5
<b>CAS No.</b>	: 111-30-8

### Description:

Glutaraldehyde 50% is a colorless to yellow liquid, with a pungent odor. It is also miscible with water.

### Safety:

Glutaraldehyde 50% is irritating and can be toxic to skin, eyes and respiratory system. Will cause burns and sensitization by inhalation and skin contact.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on safety

Glutaraldehyde 50%	
pH	3,4-5,0
Color, H(Pt-Co)	≤30
Methanol, %	≤0.5

Physical properties	
Melting temperature	-5.8°C
Boiling temperature	101°C
Density at 20°C	1.125-1.136 g/cm <sup>3</sup>

### Applications:

Intermediate used in the production of:

- Oilfield biocide
- Photographic chemicals
- Crop protection
- Pharmaceuticals

### Storage and Handling:

Glutaraldehyde 50% has a shelf life of 12 months in unopened, original containers and kept below 25°C. Ensure thorough ventilation of stores and work areas. Avoid aerosol formation and keep under inert gas. Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.



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**Packing:**

20 ltr pails, 220 ltr drums, 1000 ltr IBC.

**Important:**

For a better suitability of the product for your particular purpose, tests are recommended prior product use. You are advised to make your own determination as to safety, appropriate manner of handling, storage, use and disposal. All the information contained in this product technical sheet is offered for your consideration, investigation and verification. The data is presented in good faith and is believed to be reliable. You should not consider the descriptions, information, data or design as a part of our terms and conditions of sale. We expressly disclaim responsibility or liability for any loss, damage or expense arising out of reliance on the information provided herein.