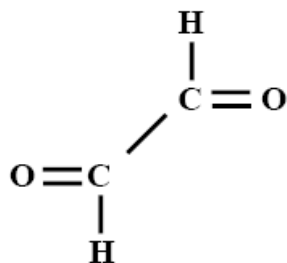


Glyoxal-40%

Specification Sheet

September 2007



General Information

Chemical formula.....	C ₂ H ₂ O ₂
Molecular weight.....	58
CAS Number.....	107-22-2

Description:

Glyoxal, the smallest dialdehyde, is a highly reactive chemical intermediate used primarily in the preparation of pharmaceuticals, paper and textiles. It is miscible in water and has a weak sour odour.

Safety:

Glyoxal is a skin and eye irritant. Inhalation is harmful and may cause respiratory irritation.

Kindly refer to the company's Material Safety Data Sheet (MSDS) for detailed safety information.

Packaging:

Glyoxal can be supplied in 125/250 kg HDPE drums, IBC and bulk tankers.

Common synonyms

Biformyl
Diformyl
Ethanedial
Ethanedione
1,2 – Ethanedione
Glyoxaldehyde
Glyoxal aldehyde

Product Specifications

Assay, %	40 ± 0.5
pH Value	2 – 3.5
Max. Acidity, %	0.3
Max. Ash, by mass %	0.05
Density @ 20°C, g/cc	1.26 – 1.27
Max Color, APHA	30
Ignition temperature, °C	285

Applications:

- Adhesives
- Cement
- Paper
- Pharmaceutical
- Textiles
- Other specialty chemicals like Glyoxylic acid, Vanillin etc.

Storage and handling:

Glyoxal has a shelf life of 12 months if stored in cool dry place without exposure to air. The product may turn yellow on extended period of storage but it does not change its chemical properties.