

GLYOXAL 40%

Product Description

Chemical Name: Glyoxal 40%

Chemical Structure



Empirical Formula	C ₂ H ₂ O ₂
Molecular Weight	58.04
CAS No.	107-22-2
EINECS No.	203-474-9

Typical Physical Properties:

Appearance	Colorless and transparent to pale yellow liquid
Specific Gravity, (25/25°C)	1.265
Boiling Point	104°C
Flash Point	285°C

Commodity Specification

Appearance	Colorless to pale yellow and transparent liquid
Content, (by GC)	40+/-0.5%
Formaldehyde	0.01% max
Glycol	1.0% max
Acid Value	0.15% max
Color (APHA)	20 max

Application Direction

General Information: It is most widely used as a cross-linking agent in the production of permanent press resins for textiles, in the production of moisture resistant glues and adhesives as well as moisture resistant foundry binders, or to improve the wet strength of paper and the moisture resistance of leather. It is also used as intermediate for pharmaceuticals and pesticides.

Packing & Storage

Normally packed in 250 kgs net plastic drums sea-worthy for exporting, can also packed in IBC (1,250 kgs net) or shipped by ISO tank (23,000 kgs net).
 Stored in cool and dry air-flowing area preventing sun light.

Stability - Shelf Life

About 6 months in unopened, original containers.

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.