

HYDROGEN PEROXIDE -50%

Chemical Structure and Identity



Specifications

Characteristics	Standard Value
Color APHA	<30
Purity as H ₂ O ₂ %	50.0 Min
Specific Gravity@20°C	1.19
PH	3.0 Max.
Stability ml of O ₂ /25ml. at 100°C for 30 Min	0.3 Max.

CAS No
7722-84-1

EINECS No
231-765-0

Packing Group
II

UN No
2014

Class
8/5.1

Synonyms
Hydrogen dioxide,
Peroxide albone,
Superoxol,Oxydol

State
Liquid

Commercial Trade Name
Hydrogen peroxide

Package Unit
30 kgs / 50 kgs
HM-HDPE Carbuoys.
250 kgs HM-HDPE Barrels.
Dedicated SS Tankers.

Formula
H₂O₂

Molecular Weight
34.01

HYDROGEN PEROXIDE –50%

Handling & Safety

- Store in a cool, dry well-ventilated area. Avoid contact with eyes, skin, and clothing.
- Keep container tightly closed. Keep away from heat, sparks and flame.
- Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.
- Storage Recommendation Keep away from heat, sparks, and flame.
- Keep away from sources of ignition. Store in a tightly closed container.
- Store in a cool, dry, well-ventilated area away from incompatible substances.
- S3- Keep in a cool place.
- S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S36/37/39- Wear suitable protective clothing, gloves and eye/face protection.
- S45- In case of accident or if you feel unwell, seek medical advice immediately.

Application

- Bleaching in Textiles
- Bleaching in Pulp & Paper
- Pharmaceutical and Cosmetic
- Natural Resources Extraction
- Cleaning and Sanitization
- Organic and Inorganic chemicals peroxides
- Dyestuffs
- Pesticides
- Effluent treatment
- Oxidizing agent for Chemical reaction