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Technical Data Sheet
ACETIC ACID (GLACIAL)

Product Identification

Product Name : ACETIC ACID (GLACIAL)
Chemical Name : Acetic Acid / Ethanoic Acid
Synonyms : Glacial Acetic Acid, Ethanoic Acid, Methanecarboxylic Acid
CAS No : 64-19-7

Product Description

Acetic Acid (Glacial) is a clear, colorless organic acid with a characteristic pungent vinegar like odor. It is widely used in chemical manufacturing, pharmaceuticals, textiles, food processing, dyes, pigments, adhesives, water treatment chemicals, and industrial cleaning formulations. Glacial Acetic Acid is the concentrated form containing not less than 99.5% acetic acid.

Specifications

Sr No.	Parameters	Specification
01	Acetic Acid Assay (%)	99.5% Min.
02	Water Content (%)	0.50% Max.
03	Colour (APHA)	10 Max.
04	Non-Volatile Residue (%)	0.01% Max.
05	Iron (Fe)	1 ppm Max.
06	Chloride (Cl)	5 ppm Max.
07	Density @ 20°C	1.049 ± 0.005 g/cm³
08	Appearance	Clear Colourless Liquid with characteristic vinegar-like odour
09	Solubility	Completely Miscible with Water

Industrial Applications

- Vinyl Acetate Monomer (VAM) Manufacturing
- Acetic Anhydride Production
- Textile Dyeing & Printing Industry
- Pharmaceutical Manufacturing
- Dyes & Pigments Industry
- Food Processing Industry (Food Grade Applications)
- Adhesives & Sealants Industry

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- Water Treatment Chemicals
- Rubber & Latex Industry
- Chemical Intermediates Manufacturing
- Industrial Cleaning Formulations

Storage & Handling:

- Store in tightly closed containers in a cool, dry, and well-ventilated area.
- Keep away from heat, sparks, open flames, and direct sunlight.
- Store away from strong oxidizing agents, alkalis, and incompatible materials.
- Use appropriate personal protective equipment while handling.
- Ensure adequate ventilation during use.

Packing:

- 35 Kg HDPE Carboys
- 250 Kg HDPE Drums
- 1 MT IBC Tanks