

Formic Acid

Organic acid for industrial applications

Product Description

Formic acid used in leather processing, textiles, and as preservative.

Certificate of Analysis

HSN Code: 2915.11

CAS Number: 64-18-6

Classification: Hazardous

Parameter	Specification	Test Method
Purity (Formic Acid content)	"e 85.0 % (Technical Grade)	Titration / GC
Water Content (%)	Max 5.0%	Karl Fischer
Color (APHA)	Max 20	Spectrophotometric
Density (20°C)	1.20 - 1.22 g/cm³	Hydrometer
pH (1% solution)	1.0 - 2.0	pH meter
Appearance	Clear, colorless to pale yellow liquid	Visual
Odor	Pungent, characteristic	Sensory

Physical Properties

Appearance: Clear, colorless to pale yellow liquid

Odor: Pungent, characteristic

Molecular Formula: HCOOH

Molecular Weight: 46.03 g/mol

Solubility: Miscible with water and most organic solvents

Density: 1.20 - 1.22 g/cm³ at 20°C

Packing: 200 kg HDPE drums, 1000 kg IBC tanks, Bulk tanker shipments

Storage: Store in a cool, dry, and well-ventilated area. Keep away from heat, sparks, open flames. Use corrosion-resistant

Safety & Handling

PPE: Chemical-resistant gloves, face shield, goggles, protective clothing, respiratory protection

Hazards:

- Corrosive to skin and eyes
- Toxic
- Flammable liquid