



TECHNICAL DATA SHEET

FORMIC ACID

Concise Industrial Product Information

Formic Acid is a clear, colorless organic acid used in industrial chemical processing where controlled acidity and high reactivity are required.

PRODUCT NAME & CAS NUMBER

Product Name	Formic Acid
Chemical Formula	HCOOH / CH ₂ O ₂
CAS Number	64-18-6

MAIN APPLICATIONS

- Leather tanning and pH adjustment in hide processing.
- Textile dyeing, finishing, and neutralization processes.
- Rubber latex coagulation and related polymer processing.
- Agricultural silage preservation and feed additive applications.
- Chemical intermediate for formate salts, esters, and specialty chemicals.

KEY PROPERTIES

Appearance	Clear, colorless liquid
Odor	Sharp, pungent acidic odor
Purity	Typical commercial grades: 85-99%
Density	Approx. 1.20-1.22 g/cm ³ at 20 °C
Solubility	Completely miscible with water and many polar solvents
pH	Strongly acidic; typically below 2 in aqueous solution



STORAGE CONDITIONS

Store in tightly closed, corrosion-resistant containers in a cool, dry, well-ventilated area. Keep away from heat, ignition sources, oxidizing agents, strong alkalis, and incompatible materials. Protect from physical damage and provide spill containment.

TECHNICAL DISCLAIMER

This Technical Data Sheet is provided for general industrial guidance only. Users must verify suitability for the intended application and comply with applicable specifications, safety data sheets, and regulations.