

FORMIC ACID 85%

Industrial Grade | High Purity Chemical Specification & Commercial Data Sheet

CAS: 64-18-6

Formula: CH₂O₂

Purity: 85% Min.

MOLECULAR FORMULA
CH₂O₂ (HCOOH)

PURITY LEVEL
85% Solution

MIN. ORDER QTY (MOQ)
100 Kilograms

MONTHLY SUPPLY
5000 Kg / Month



FORMIC ACID (METHANOIC ACID)

About Formic Acid

Discover incomparably pure **Formic Acid**—an industrial-grade chemical solution supplied in sturdy 25 kg HDPE drums. This first-class, colorless liquid solution (CAS No: 64-18-6) features a characteristic pungent odor, verified **85% concentration**, and complete miscibility with water.

With an intensive pH level below 2.0 and a density of approximately 1.22 g/cm³, its fast-acting acidic performance is unparalleled across textile dyeing, leather tanning, rubber latex coagulation, and organic synthesis. Sourced from certified manufacturers, it assures rigorous quality, batch consistency, and reliable pan-India distribution.

TECHNICAL & CHEMICAL SPECIFICATIONS

Chemical Name	Formic Acid (Methanoic Acid)	Physical State	Clear, Colorless Liquid
Molecular Formula	CH ₂ O ₂ / HCOOH	Odor Profile	Pungent, Characteristic
CAS Registry No.	64-18-6	Density	1.22 g/cm ³ at 20 °C
Chemical Purity	85.0% Min.	Boiling Point	100.8 °C
Product Grade	Industrial Grade	Aqueous Solubility	Completely Miscible in Water
Main Material	Aqueous Formic Acid Solution	Packaging Type	Heavy-Duty HDPE Drum
Classification	Carboxylic Acid / Monocarboxylic	Packaging Size	25 Kg / Drum
pH Value (Neat)	< 2.0 (Strong Acidic)	Target Industries	Textile, Leather, Rubber, Chemical

COMMERCIAL & TRADE INFORMATION

Minimum Order Quantity (MOQ)	100 Kilograms (4 Drums)	Supply Ability	5000 Kilograms Per Month
Payment Terms	Cash in Advance (CID) / Flexible Options	Delivery Timeline	7 Days from Order Confirmation
Packaging Details	25 Kg UN-Certified HDPE Drums	Main Domestic Market	All India Supply Network
Storage Guidelines	Store in cool, dry, ventilated area	Handling Precautions	Acid-resistant PPE, avoid direct vapors

KEY FEATURES, APPLICATIONS & AUTOMATED DOSING

Industrial Applications & Processing

Formic Acid delivers rapid neutralization, stable pH regulation, and robust buffering efficiency across high-throughput industrial sectors:

- **Textile Industry:** Functions as a high-efficiency dyeing auxiliary, pH regulator, and acid-finishing agent.
- **Leather Tanning:** Serves as an effective deliming, pickling, and tanning fixative agent with low grain damage.
- **Rubber Manufacturing:** Acts as a premier coagulant for natural rubber latex coagulation.

Dosing Efficiency & Logistics Support

Supplied as a stable liquid solution, enabling seamless integration with automated dosing and metering systems:

- **Automated Dosing:** Easily pumped and metered for exact chemical stoichiometric additions.
- **Sample Policy:** Pre-shipment testing samples available for laboratory and trial batch evaluation.
- **Robust Packaging:** Sealed HDPE drums prevent vapor leakage and preserve chemical strength.

SAFETY, HANDLING & STORAGE GUIDELINES

Storage Best Practices

- Store in tightly sealed original HDPE drums in a dedicated cool, well-ventilated chemical storeroom.
- Keep away from direct sunlight, open flames, strong bases, oxidizing agents, and sulfuric acid.
- Provide acid-resistant secondary containment bunds to prevent floor run-off.

Operational Safety & PPE

- Corrosive liquid: operators must wear chemical splash goggles, face shield, and butyl/nitrile gloves.
- Use under localized exhaust ventilation or equipped with acid vapor respirators.
- In case of accidental skin or eye contact, immediately flush with copious running water.

FREQUENTLY ASKED QUESTIONS (FAQS)

Q1: How is Formic Acid used in textile, leather, and rubber?

A: It acts as a dyeing auxiliary and pH regulator in textiles, a tanning/preservative pickling agent in leather, and an efficient coagulating agent in natural rubber latex processing.

Q2: What is the recommended application method in industry?

A: Provided in liquid form, it is dispensed using automated metering or dosing pumps to ensure precise stoichiometric pH control during operations.

Q3: When can I expect order delivery across India?

A: Orders are dispatched swiftly with standard delivery within 7 days across India to meet tight manufacturing and processing timelines.

Q4: Where does the supplier source and deliver Formic Acid?

A: Sourced directly from certified chemical manufacturers and distributed pan-India via licensed logistics networks for hazardous/corrosive goods.

Q5: What are the benefits of 85% Industrial Grade purity?

A: 85% concentration provides superior acidic potency, excellent miscibility, reduced freight bulk, and dependable reproducibility in demanding industrial processes.

Q6: Are inspection samples and flexible payments available?

A: Yes, quality evaluation samples are available prior to bulk orders, supported by standard CID and customized commercial terms for recurring clients.

Ready to Order or Need a Customized Bulk Quote?

MOQ: 100 Kg | Monthly Capacity: 5,000 Kg | Packaging: 25 Kg HDPE Drums | Pan-India Delivery

GET A QUOTE