

Technical Data Sheet

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Item Name:

HCOOH

PRODUCT INFORMATION

Chinese Name:	甲酸
Commodity Name:	Formic Acid 85%
Chemical Name:	Formic Acid
Other Name:	Formic Acid Ameisensure
CAS No.:	64-18-6
Molecular Weight:	46.03
Molecular Formula:	CH ₂ O ₂

PRODUCT DESCRIPTION

Formic acid is the simplest kind of carboxylic acid. Colorless liquid without stimulating odour. Formic acid belongs to the weak electrolyte, but the aqueous solution features weak acid and caustic property which can stimulate the blister of the skin. Usually it exists in the secretions of bee, certain ants and caterpillars. It's a kind of organic chemical raw materials, also used as a disinfectant and preservative.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	Colorless liquid
Formic acid content by wt %	85 min
Chloride (as Cl) by wt %	0.02 max
Sulphate (as SO ₄ ²⁻) by wt %	0.05 max

MAIN APPLICATION

Formic acid is one of basic raw materials for organic chemical, widely used in industries of pesticide, leather, dye, medicine and rubber.

Formic acid can be applied directly to the fabric processing, tanning, textile printing and dyeing and green fodder storage, also can be used as agent for metal surface treatment, rubber fertilizer and industrial solvents.

In organic synthesis it is used for the synthesis of various formate, acridine dyes and formamide series of pharmaceutical intermediates.

PACKING AND SHELF LIFE

Packing: 50/250kg drum

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheet is for informational purposes only and is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.