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Product Datasheet

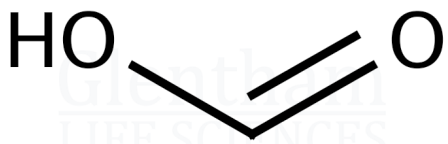
GK4394 - Formic acid

Product Details

Product Name	Formic acid
Glentham Code	GK4394
CAS Number	64-18-6
EINECS	200-579-1
MDL Number	MFCD00003297
PubChem SID	310273887
Related Categories	Biochemicals, Organics, Organic Acids

Structure

Molecular Weight : 46.03
Molecular Formula : CH_2O_2



Pictograms

UN Number, Class, PG (RID) UN1779 - 8 (3) - PG II

Glentham Product Specification

Physical Description	:	Clear, colourless liquid
Refractive Index (20°C)	:	1.3690 - 1.3740
Assay	:	≥ 96.0%
Version	:	v1.0

About Formic acid

Formic acid, or methanoic acid, is the simplest carboxylic acid and forms a liquid with a pungent smell at room temperature. It has many applications as a preservative and antibacterial agent (especially in animal feed) but is also a major component in the textile and leather industry. Within a laboratory setting, formic acid is often used in reverse-phase HPLC and the synthesis of other chemicals. Recently, formic acid has been a topic of interest in the renewable energy sector with potential use in the manufacture of fuel cells.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

CLP Classification	Acute Tox. 3, Acute Tox. 4, Skin Corr. 1A, Flam. Liq. 3
Signal Word	Danger
Hazard Codes	H331, H302, H314, H226
Precautionary Codes	P303+P361+P353, P210, P304+P340, P305+P351+P338, P310, P260, P301+P312