formaldehyde

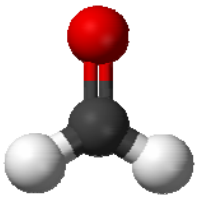
cas 50-00-0

F0925TT	Gold Line
35-40% solution	
Typical analysis	
Assay (w/v)	35 - 40%
Acidity (Formic acid)	0.05%
Copper (Cu)	0.001%
Iron (Fe)	0.001%
Methanol (CH_3OH)	7.5%

Packaging
500ml clear plastic bottle
2.5l clear plastic bottle
5l clear plastic bottle
25l plastic drum

F0930TT	Platinum Line
37-40% solution	
Warranty certificate	
Assay (w/v)	min 37%
Acidity (Formic acid)	0.02%
Chloride (Cl)	0.001%
Lead (Pb)	0.0005%
Iron (Fe)	0.0001%
Residue on ignition	0.05%
Sulphate (SO_4)	0.01%

Packaging
2.5l clear plastic bottle



Physical properties, composition and data

Chemical formula	HCHO or CH_2O
Synonym	Formic aldehyde; Methanal; Methyl aldehyde; Methylene oxide; Oxomethane; Oxymethylene
Chemical group	Aldehydes
Liquid mixture/solution	Formaldehyde gas in water
Atomic weight	30.03
Weight per litre	1.09kg
Appearance	Colourless liquid
Odour	Pungent odour
Miscibility	Soluble in water, alcohol, acetone
Boiling point	76°C
Melting point	- 92°C
Flash point	60°C
Ignition point	300°C
Density (g/ml)	1.09
pH (aqueous solution)	3 - 4
Incompatible substances	Alkalies, Ammonia, Bisulphides, Copper salts, Tannin, Gelatin, Iodine; Iron preperations, Iron salts, Silver salts
Products of decomposition	Slowly oxidizes to formic acid in air
Other information	On standing, especially at low temperatures (<20°C), may become cloudy as the formaldehyde polymerises. Deteriorates by natural causes
Hazardous material	Toxic

Laboratory preparation, applications and practices

Laboratory preparation	From methyl acetate
Usage	Manufacturing organic chemicals
Filter paper	Filtech no: 8613, 5614

Storage and handling information

Storage/handling	Keep container tightly closed in a warm ventilated place separated from oxidants and incompatible substances
Safety phrases	26-36/37-45-51
Risk phrases	23/24/25-34-40-43
Disposal methods	22

Transport regulations

Tariff code	2912.11.00
Hazardous class	3.3
Packing group	III
UN number	1198
ERG number	132