



## Trifluoroacetic acid F<sub>3</sub>CCOOH



<b>CAS</b>	76-05-1																
<b>Packaging</b>	Lined steel drum(250kg/25kg)																
<b>Applications</b>	Mainly used as an fluorine-containing intermediate in fine chemical, pharmaceutical, pesticide and dye. It is used as a raw material in the process of glass coating , sugar and polypeptide synthetic. It is used as a catalyst in esterification reaction and condensation reaction and a protective agent for hydroxyl and amino.																
<b>Properties</b>	<table><tr><td>Molecular weight</td><td>114.03</td></tr><tr><td>Boiling point ,°C</td><td>72.4</td></tr><tr><td>Melting point,°C</td><td>-15.2</td></tr><tr><td>Relative density (Water=1)</td><td>1.5351</td></tr><tr><td>Relative density (air=1)</td><td>3.9</td></tr><tr><td>Saturated vapor pressure,kpa</td><td>1.83</td></tr><tr><td>Solubility</td><td>Soluble in water, ethanol, diethyl ether, acetone and benzene</td></tr><tr><td>Appearance</td><td>Colorless, volatile, fuming liquid</td></tr></table>	Molecular weight	114.03	Boiling point ,°C	72.4	Melting point,°C	-15.2	Relative density (Water=1)	1.5351	Relative density (air=1)	3.9	Saturated vapor pressure,kpa	1.83	Solubility	Soluble in water, ethanol, diethyl ether, acetone and benzene	Appearance	Colorless, volatile, fuming liquid
Molecular weight	114.03																
Boiling point ,°C	72.4																
Melting point,°C	-15.2																
Relative density (Water=1)	1.5351																
Relative density (air=1)	3.9																
Saturated vapor pressure,kpa	1.83																
Solubility	Soluble in water, ethanol, diethyl ether, acetone and benzene																
Appearance	Colorless, volatile, fuming liquid																
<b>Safety data</b>	<table><tr><td>Hazardous characteristics</td><td>Non-ignitable, heating decomposition or release poisonous gas contact with acids, has strong irritant</td></tr><tr><td>Combustion products (decomposition)</td><td>Carbon monoxide, carbon dioxide , hydrogen fluoride</td></tr></table>	Hazardous characteristics	Non-ignitable, heating decomposition or release poisonous gas contact with acids, has strong irritant	Combustion products (decomposition)	Carbon monoxide, carbon dioxide , hydrogen fluoride												
Hazardous characteristics	Non-ignitable, heating decomposition or release poisonous gas contact with acids, has strong irritant																
Combustion products (decomposition)	Carbon monoxide, carbon dioxide , hydrogen fluoride																
<b>Specifications</b>	<table><tr><td>Purity , %≥</td><td>99.5</td></tr><tr><td>Moisture , %≤</td><td>0.1</td></tr></table>	Purity , %≥	99.5	Moisture , %≤	0.1												
Purity , %≥	99.5																
Moisture , %≤	0.1																