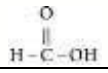
# TECHNICAL DATA SHEET

FORMIC ACID 85%

| General Information | | |
|---|---|---|
| Name | Formic Acid | |
| CAS No. | 64-18-6 | |
| HS Code | 29151100 | |
| Chemical Formula | $CH_2O_2$ | |
| Molecular Weight | 46.03 | |
| Chemical Structure |  | |
| **Specification** | | |
| Items | Value | Test Methods |
| Appearance | Clear Liquid Without Suspended Matter | Visual |
| Purity | 85.00% min | GB/T 2093-2011 |
| Chroma (Pt-Co) | 10 max | GB/T 3143 |
| Chloride (CL) | 0.002% max | GB/T 2093-2011 |
| Sulphate ($SO_4$) | 0.001% max | GB/T 2093-2011 |
| Iron (Fe) | 0.0001% max | GB/T 2093-2011 |
| Evaporation Residue | | GB/T 2093-2011 |
| **Packaging** | | |
| 25kg, 35kg, 250kg, 1200kg plastic drum or ISO tank | | |
| **Transport** | | |
| UN.No. | 1779 | |
| Hazard Class | 8+3 | |

**Application**

Formic acid is one of basic organic chemical raw materials, which is extensively used in pesticide leather, dyestuff, medicine and rubber industries. Formic acid can be directly used in textile processing, tanning, dry goods, silage, and can be used as metal conditioner, rubber ingredients and industrial solvent.

**Storage and Handling**

Store in cool, dry and ventilated places away from heat, sunlight, rain, ammonia, sulfuric acid and nitric acid. Wear body-covering clothes and boots, safety glasses, protective Gloves and a dust respirator.

**Firefighting Measures**

Suitable extinguishing media: Use foam, chemical powder or water spray.
Special hazards arising from the chemical: Liquid and vapor are flammable. May explode and burn in high temperature and fire and release toxic fumes. Special protective actions for fire-fighters: Wear selfcontained breathing apparatus for firefighting if necessary. Use water spray to cool unopened containers. In case of fire in the surroundings, use appropriate extinguishing media.