

**Molecular formula:** C<sub>4</sub>H<sub>9</sub>NO

**Molecular weight:** 87.12

**CAS NO.:** 110-91-8 **EINECS** 203-815-1

**Molecular Structure:** 

**Specification:**

Items	Index
Active content:	99%
Density :	0.999 g/ml
Melting point:	-4.9°C
Boiling point:	128°C
Flammable temperature :	310°C
Flash point:	35°C
Danger class:	8 (corrosive liquid)
Chroma (platinum-cobalt )	≤ 15
Boiling range°C	126-130

**Applications :**

Morpholine are mainly used to manufacture rubber accelerant (such as NOBS, OTOS and MDS), sulfuration agent (like DT-DM), cleanser, descaling agent, antirust, anti-scorching agent, antiseptic, surfactant, textile printing & dyeing agent, optical bleaching agent, chemical plating bath, antioxidant, hydrolyzing agent, initiator, developer, fruit preserving agent, deodorizer, brightener and organic solvents. It is widely used in many industries such as medicine, pesticide, animal medicine, petroleum and extraction of coke aromatic hydrocarbont.

In foreign countries, a great deal of morpholine is used for antirust, descaling and metal cleaning, especially for antirust and anticorrosive in high temperature conditions. In boiler maintenance fields, amount of morpholkinine is also used as descaling agent. Owing to its unique chemical characters, morpholine has become one of the most important fine petroleum chemical products.

**Package and storage**

200Kg/galvanized Iron drum or 200Kg/Plastic drum, customers' requirements.Storage for one year in shady room and dry place.

Online Message