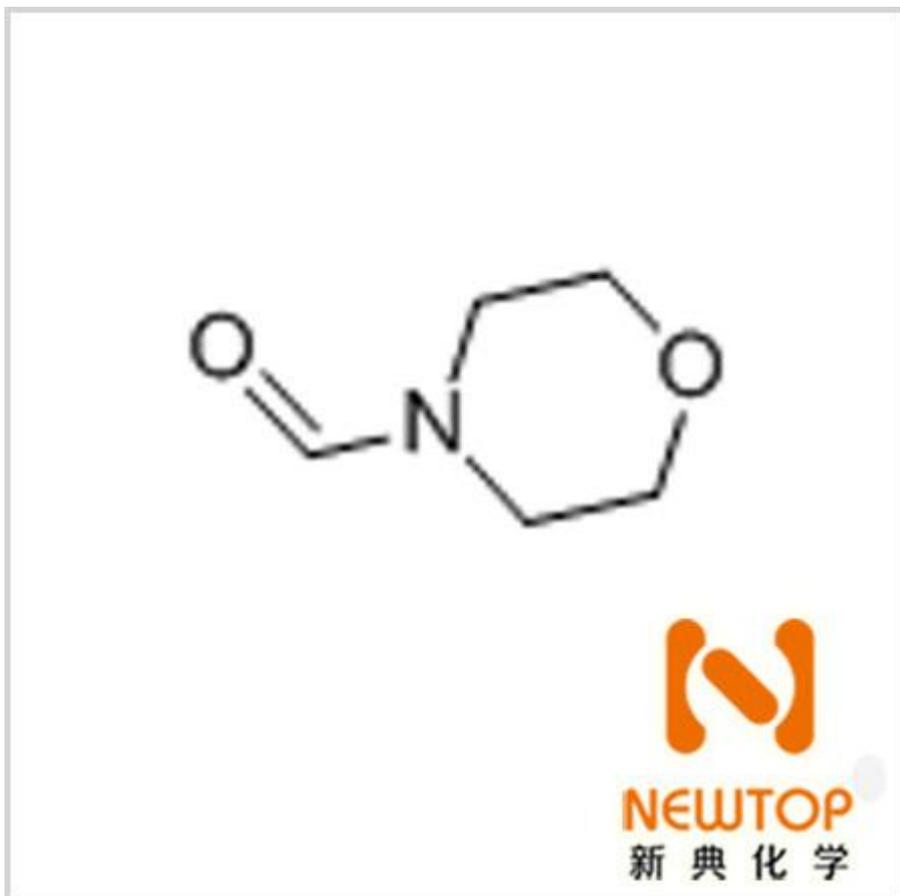


N-Formylmorpholine CAS4394-85-8 4-formylmorpholine

N-Overview:

N-formylmorpholine (NFM) is an important organic solvent and fine chemical raw material. It is a colorless transparent liquid at room temperature. It has the chemical properties of amide, and its aqueous solution is easily hydrolyzed into morpholine and formic acid in the presence of acid or alkali, and the aqueous solution is weakly alkaline.

N-formylmorpholine is an excellent extraction solvent for aromatics, and is widely used in synthetic fibers and other fields.



Basic Information:

Chinese name: N-Formylmorpholine

Synonyms: 4-formylmorpholine; N-formylmorpholine; 4-morpholine formaldehyde; N-formylmorpholine; N-formylmorpholine; N-formylmorpholine; 4-formylmorpholine

Chinese name N-formylmorpholine

Foreign name N-Formylmorphol

Alias 4-morpholine formaldehyde

Molecular formula C₅H₉NO₂

CAS: 4394-85-8

EINECS: 224-518-3

Molecular weight: 115.1305

Physical and chemical properties:

N-formylmorpholine properties

Melting point: 20-23 ° C(lit.)

Boiling point: 236-237 ° C(lit.)

Density: 1.145 g/mL at 25 ° C(lit.)

Vapor pressure: 0.03 hPa (20 ° C)

Refractive index: n₂₀/D 1.485(lit.)

Flash point: >230 ° F

Storage conditions: 2-8° C

Solubility: SOLUBLE

Form: Liquid

Color: Clear yellow

PH value: 10 (250g/l, H₂O, 20°C)

Explosive limit 1.2-8.2%(V)

Water solubility: SOLUBLE

Sensitivity: Hygroscopic

BRN: 110293

CAS: database 4394-85-8 (CAS DataBase Reference)

NIST Chemical Substance Information: N-Formylmorpholine (4394-85-8)

EPA Chemical Substance Information 4-Morpholinecarboxaldehyde (4394-85-8)

use:

It is used for the desulfurization of natural gas, syngas, flue gas, natural gas condensate and gasoline, etc. It is the extraction solvent of petroleum aromatic hydrocarbon device, and aromatic hydrocarbon can be recovered by extractive distillation. It has good selectivity, good thermal stability and chemical stability. , No poison, no corrosion. It is widely used in the recovery of aromatic hydrocarbon solvents. It is an excellent aprotic solvent with high solubility and selectivity for aromatics. The mixture has been successfully used in aromatics extraction process and butenes concentration process.

Storage and transportation:

Should be sealed and stored in a dry, cool and ventilated warehouse

package:

200KG/drum Storage: It is recommended to store in a dry and cool area with proper ventilation. After the original packaging, please fasten the packaging cover as soon as possible to prevent the water and other substances from mixing into the product and affecting its performance. Store in a cool, dry place, keep the container sealed and avoid contact with oxides. Do not breathe dust, avoid skin and mucous membrane contact. Smoking, eating and drinking are prohibited in the workplace. After work, shower and change clothes. Store contaminated clothing separately and wash it before reuse. Maintain good hygiene habits.

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FAQ

Q1: May I get one sample before placing order?

Re: Yes, Sample are available. For normal products, samples are for free and you just need to bear the freight; For those high value products, you just need to freight and certain product cost. When we both cooperate for some times or when you are our VIP customer, free sample will be offered when you need.

Q2: Which payment is available for your company?

Re: T/T, L/C ,You can choose the one which is convenient for you.

Q3: How and when can I get my goods after payment?

Re: For small quantity products, they will be delivered to you by international courier(DHL, FedEx, TNT etc.)

or by air. Usually it will cost 3-5days that you can get the goods after delivery.For large quantity products, shipping by sea is worthwhile.It will cost days to weeks to come to your destination port, which depends on where the port is.

Q4: Is there any possible to use my appointed label or package?

Re: Yes. If needed, we'd like to use label or package according to your requirement.

Q5: How can you guarantee the goods you offer is qualified?

Re: We always believe honesty and responsibility are basis of one company, so whatever products we provide for you all are qualified.