



N, N-dimethyldecanamide

Chemical Name: N, N-dimethyldecanamide

Molecular Formula: C₁₂H₂₅NO

CAS No.: 14433-76-2

SPECIFICATIONS

Appearance	Colorless transparent liquid
Color ,Gardner	≤ 4
Density ,g/ml 20°C	0.862
Purity , %	≥ 98

SPECIALITY

N,N-Dimethyldecanamide is insoluble in water, soluble in alcohols, weakly alkaline, and irritating to the skin and eyes. It is a polar solvent that can dissolve many organic and inorganic substances. Meanwhile, it is also a moderately polar surfactant that can reduce surface tension.

APPLICATIONS

N,N-dimethyldecanamide can be used in the production of mineral flotation agents, metal corrosion inhibitors and fungicides. It is mainly used to prepare its derivatives, such as quaternary ammonium salts, dodecyl betaines and amine oxides. It can be used as a low-toxicity solvent for pesticides, replacing traditional solvents (such as DMF), to improve the stability and biological activity of pesticides. In addition, it can enhance the adhesion, permeability and absorption of pesticides, thereby improving their effectiveness.

PACKING

Plastic drum packaging, net weight 180 kg, IBC ton box packaging, net weight 850 kg, or packaging according to customer requirements.

MATTERS NEED ATTENTION

It is irritating to the skin, eyes and respiratory tract, so protective measures must be taken during operation.

It must be stored in containers without nitrites.

Store it in a cool and well-ventilated place, away from oxidants and fire sources.