

N,N-Dimethyl Decanamide

Fatty-acid dimethylamide solvent for agricultural and industrial formulation development.

CAS No. 14433-76-2	EC / List No. 238-405-1	Transport Non-dangerous goods
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Product Information

Fatty-acid dimethylamide solvent for agricultural and industrial formulation development.

Specifications

Parameter	Specification
Appearance at 20°C	Colourless to yellowish transparent liquid
Colour, Gardner	≤4
Acidity	≤4 mg KOH/g
Purity	≥98 %
Water	≤0.30 %

Supply limits follow the selected ZXCHEM TDS. Product suitability and formulation performance require evaluation in the intended application.

Typical Properties

Property	Typical Value
Molecular formula	C ₁₂ H ₂₅ NO
Molecular weight	199.34 g/mol

Applications

Agricultural formulation solvents: Fatty-amide solvent for selected agrochemical formulation trials. Check active-ingredient solubility, emulsification, storage stability and finished-product requirements.

Industrial solvent systems: Solvent ingredient for selected cleaning and specialty chemical formulations. Test material compatibility, residue and exposure controls.

Emulsion development: Evaluate surfactant selection, dilution response, water quality and emulsion stability in the complete recipe.

Packaging / Storage

Item	Information
Packing	170 kg drums / 850 kg IBCs
Storage	Store tightly closed in a cool, dry, ventilated warehouse away from sunlight, heat, ignition sources, acids and strong oxidizers.
Shelf life	Keep sealed under prescribed storage; follow the batch quality certificate and retest date.
Handling	Use ventilated closed transfers, chemical splash goggles and compatible protective clothing. Select gloves from documented permeation data; the matched safety reference advises avoiding nitrile-rubber gloves.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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