


Technical Data Sheet

Basic information

Chemical name	3-Dimethylaminopropylamine	Formula	C5H14N2
Synonyms	N, N-Dimethyl-1,3-propane diamine;DMAPA	Chemical structure	
CAS.No.	109-55-7		
EINECS No.	203-680-9		
Molecular weight	102.18		

Physical properties

Appearance	Colorless transparent liquid
Density, 20°C, g/cm ³	0.812
Boiling point, °C	132~140
Melting point, °C	-70
Flash point, °C	33.5
Solubility	Soluble in water, most organic solvents

Specification

Items	Specification
Appearance	Colorless transparent liquid
Content, %	≥99.5
Water, %	≤0.15
Color	≤15

Application

1. Used as intermediates in organic synthesis, for the production of dyes, ion exchange resin, epoxy resin curing agent, oil and cyanide free zinc plating additive, fiber and leather treatment agent and bactericide.
2. The product molecule contains both a primary amine, and tertiary amine. It is used as epoxy resin curing agent and has two kinds of functions of curing agent and accelerator.
3. Mainly used for laminate, casting products and adhesive, 2-6 copies for general consumption.

Package

- 165kg/steel drum (208L closed steel drum), 13.2mt per 20'ft;
- 19mt Isotank;

Safety on transportation

It belongs to CLASS 8+3 hazardous goods, always refer to MSDS.

Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

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