

Product data sheet

DMIPA/DMPA 50/50

Components:

DMIPA (N,N-Dimethylisopropylamine ;N,N-Dimethyl-2-propanamine) (CH₃)₂CHN(CH₃)₂
 EC-Nr.: 213-635-5 CAS-Nr.: 996-35-0
 REACH Reg.-No.: 01-2119969062-37
 Flam. Liq. 2, Acute Tox. 3, Acute Tox. 4, Skin Corr. 1A, STOT SE 3, Aquatic Chronic 2;
 H225 H331 H302 H314 H335 H411

DMPA (Dimethyl-n- propylamine, N,N-Dimethylpropylamine) CH₃(CH₂)₂N(CH₃)₂,
 EC-Nr. 213-139-9 CAS 926-63-6
 REACH-Reg-No. 01-2119977070-40
 Flam. Liq. 2, Acute Tox. 3, Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, STOT SE 3;
 H225 H331 H302 H315 H318 H335

Applications: Intermediate for the chemical industry, e.g. as a catalyst/hardener for resin-bound foundry cores.

Specification:

DMIPA	> 50,0 % (by gaschromatography)
DMPA	40 –50 %
DMPA + DMIPA	> 99,0 %
Amines, aliphatic	> 99,5 %
Water	< 0,5 % (by Karl Fischer)

Form and solubility: Colorless to slightly yellow liquid, miscible with water and almost all common organic solvents.

Physical qualities:

Changes in conditions	Melting range:	<-20°C
	Boiling range:	65-66 °C
	Flash point:	<-11°C
Density: 20°C	0,71 g/cm ³	
Ignition temperature	approx. 165 °C	

Classification according to Regulation (EC) No. 1272/2008 (CLP)

Hazard categories: Flam. Liq. 2, Acute Tox. 3, Acute Tox. 4, Skin Corr. 1A, STOT SE 3, Aquatic Chronic 2;
Signal word: Danger
Pictograms: GHS02- GHS05-GHS06-GHS09
Hazard statements: H225 Highly flammable liquid and vapour.
 H331 Toxic if inhaled.
 H302 Harmful if swallowed.
 H335 May cause respiratory irritation.
 H314 Causes severe skin burns and eye damage.
 H411 Toxic to aquatic life with long lasting effects.

Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 Immediately call a POISON CENTER/doctor.

Transport Information : UN 2734 AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.
 (Dimethylisopropylamine, Dimethylpropylamine) 8.3.1

Delivery form: 8,0 kg ; 140 kg steel drums (code SFR) , Delivery in other forms can be discussed.

Storage: Protect from the effects of heat and direct sunbeam. Keep in a dry and well-ventilated place.