

## Product data sheet

# Dimethylethylamine (DMEA)

N,N-Dimethylethylamine N-Ethyldimethylamine

CH<sub>3</sub>CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub>

M= 73,1 g/mol

REACH Registration Number: 01-2119474205-41-XXXX  
CAS No: 598-56-1  
Index No: 612-076-00-8  
EC No: 209-940-8

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

Specification: DMEA > 99,0 % (by gaschromatography)  
Water < 0,2 % (by Karl Fischer)

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

Physical qualities: Changes in conditions Melting range: approx. -140°C  
Boiling range: 36,5 °C  
Flash point: approx. -45,5 °C  
Density: 20°C 0,676 g/cm<sup>3</sup>

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;  
H225 H331 H302 H314 H335

Signal word: Danger

Pictograms: GHS02- GHS05-GHS06

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.

Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition  
sources. No smoking.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
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.  
(ethyldimethylamine) 8,3,1

Delivery form: 7,5 kg ; 130 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.