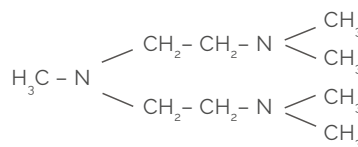


- **Chemical formula:** $C_9H_{23}N_3$
- **CAS No.:** 3030-47-5
- **HS No.:** 2921 2900
- **Registration No.:** 01-2119979537-18-0000
- **Appearance:** Pentamethyldiethylenetriamine is colourless or yellowish liquid, strong amine-like odour.



GENERAL CHARACTERISTICS

Parameter	Unit	Requirements
Density at 20 °C	kg/m ³	829
Boiling point	°C	201.8
Flash point	°C	76
Melting point	°C	-20

APPLICATIONS AREA

Pentamethyldiethylenetriamine is used as a **catalyst of polyurethane foams** and in manufacturing of **epoxy resin hardener**.

SEGMENTS

- **Manufacturing of epoxy resin hardener**
- **Manufacturing of corrosion inhibitors**
- **Manufacturing of oil additives**
- **Manufacturing of plasticizers**
- **Polyurethane catalyst**

SPECIFICATIONS

Parameter	Unit	Requirements
Pentamethyldiethylenetriamine	wt. % min.	98.0
Water	wt. % max.	0.5
Colour	Hazen max.	100

SYNONYMS

Bis-(2-dimethylaminoethyl)methylamine
N-(2-Dimethylaminoethyl)-N,N',N'-trimethyl-ethane-1,2-diamine

HEALTH HAZARD EFFECTS

Toxic in contact with skin. Causes burns. Harmful if swallowed.

ADR REGULATIONS

UN 2922 CORROSIVE LIQUID, TOXIC, N.O.S.
[N,N-BIS(2-DIMETHYLAMINOETHYL)METHYLAMINE], 8
(6.1), II, (E)

PACKAGING

Road tank cars
Drums (216 l) 170 kg
IBC (1,000 l) 795 kg
Tank containers