



## **Propylenediamine**

### **1.2 propylene diamine**

**Catalog Nr.** Q461  
**Definition** Synonyms: 1,2-propanediamine, propylene-1,2-diamine

**CAS Number** 78-90-0

**Application**

- \* Crop protection agents
- \* Dyes
- \* Pesticides
- \* Fungicides
- \* Pharmaceuticals
- \* Polymers
- \* Additives for fuels and lubricants
- \* Hardener for epoxy resins
- \* Copper deactivator
- \* Corrosion inhibitor
- \* Spandex.

**Technical Data** PROPERTIES

Boiling point:	117-121C
Melting point:	-17C
Relative density (water = 1):	0.9
Solubility in water:	soluble
Vapour pressure, kPa at 20C:	1.0
Relative vapour density (air = 1):	2.6
Relative density of the vapour/air-mixture at 20C (air = 1):	1.02
Flash point:	33C o.c.
Auto-ignition temperature:	416C
Explosive limits, vol% in air:	2.2-11.1
Octanol/water partition coefficient as log Pow:	-1.8

**Packaging & Handling** 396 lb drums

**UN Number 2258      Class 8      Packaging Group II**

**Remarks**