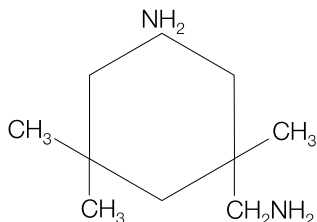


Isophoronediamine

Technical Data Sheet

December 1994

Formula: $C_{10}H_{22}N_2$
Molecular Weight: 170.3
Product Number: 156911
CAS Registry Number: ... 2855-13-2



Description

Isophoronediamine is a colorless to yellow liquid with an amine-like odor. It is fully miscible in water and soluble in other solvents.

Safety

Isophoronediamine is corrosive to the skin and eyes and is a skin sensitizer. Ingestion may cause severe gastric disturbances. Inhalation of vapors or mists may irritate the respiratory tract.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on safety.

Product Specifications	Value	Test Method
Assay, % minimum	99.7	G.C.
Impurities:		
Aminonitriles, % maximum	0.1	G.C.
Water, % maximum	0.2	Karl Fischer
Color, APHA maximum	15	

Physical Properties

Boiling point @ 6 mbar, °C	247
Density @ 20°C, g/cm ³	0.92
Flash point, °C	112
Ignition temperature, °C	380
Melting point, °C	10

Applications

Intermediate used in the production of:

- epoxy hardeners
- isocyanates
- polyamides

Packaging

Available in 396 lb (net weight) nonreturnable steel drums.

Storage & Handling

Isophoronediamine has an almost unlimited shelf life in unopened, original containers when properly stored in a protected storage area. It is flammable and corrosive.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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Chemical Intermediates

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