

TTD

4,7,10-Trioxatridecane-1,13-Diamine

Baxxodur® EC 130

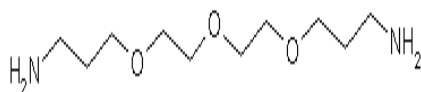
Technical Data Sheet

July 2013



Formula $C_{16}H_{24}N_2O_3$
Molecular Weight..... 220.3
PRD Number 30036761
CAS Registry Number..... 4246-51-9

Product Specifications	Value	Test Method
Assay, % minimum	98.0	GC
Water, % maximum	0.2	DIN 51 777
Color, APHA maximum	40	DIN EN 1557



Physical Properties	
Melting temperature, °C.....	- 32
Boiling temperature, °C.....	146 - 148
Density @ 20°C, g/cm ³	1.01
Flash point, °C.....	139
Ignition temperature °C.....	260

Description

4,7,10-Trioxatridecane-1,13-Diamine (TTD) is a colorless to yellow liquid, with an amine-like odor. It is also miscible with water in all proportions.

Synonyms

TTD

Safety

4,7,10-Trioxatridecane-1,13-Diamine (TTD) is corrosive and causes burns to skin and eyes. Wear protective clothing, gloves and eye/face protection.

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

Applications

Intermediate used in the production of:

- Cross-linking agents for epoxy resins
- Hardeners for epoxy resins

Packaging

Available in bulk and drums.

Storage & Handling

4,7,10-Trioxatridecane-1,13-Diamine (TTD) has a shelf life of 24 months in unopened, original containers and kept at 20°C. Ensure thorough ventilation of stores and work areas. It must be protected from moisture, fire, and explosion; prevent electrostatic charge, sources of ignition should be kept well clear, as well as acids and acid forming substances.

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

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