

## Technical Data Sheet

Revision Date: 2017-07-01

NO. PCS\_1013

Name: WANAMINE™ H<sub>12</sub>MDA

Version: 4.0

### Application

WANAMINE™ H<sub>12</sub>MDA is a liquid cycloaliphatic diamine. It is a colorless or pale yellow liquid with an amine-like odor at room temperature. It is soluble in organic solvents.

WANAMINE™ H<sub>12</sub>MDA is widely used in epoxy, coating and polyamide industry.

### Specification

Test Item(s)	Specification(s)	Unit	Test Method
Purity	≥99.0	% (A/A)	GC
Trans-Trans isomer	15.0~24.0	% (A/A)	GC
Color(APHA)	≤50	Pt-Co	GB 3143
Water content	≤0.10	%	Karl-Fischer

### Package

210L iron drums 180Kg/drum, ISO-TANK

### Storage

WANAMINE™ H<sub>12</sub>MDA should be stored in cool and well-ventilated warehouse which is far away from heat and fire. Keep container tightly closed and avoid direct sunshine. Avoid mixing with oxidant, isocyanate (ester), peroxidase acid. Do not store in active metal container or be frozen. Emergency treatment equipment should be present in the workplace.

### Recommended Melting Conditions

The product may crystallize at low temperature. If it happens, it should be heated at

60-80 °C to melt.

### **Shelf Life**

The shelf life is 24 months in unopened, original containers. The products stored past expiration may still be used if the analysis results so indicate. keep away from heat and don't keep in wet condition.

**For more information about safety and environment, please refer to our MSDS or contact our customer service center.**

### **Version information:**

Date of first issue : June 6 , 2008

Date of 1<sup>st</sup> revise: May 5, 2015. Reason for revision: A change of company address

Date of 2<sup>nd</sup> revise: August 17, 2015. Reason for revision: Change with standard template from our company.

Date of 3<sup>rd</sup> revise: July 1, 2017. Reason for revision: Change of company LOGO

### **For further information please contact us:**

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