


Technical Data Sheet

Basic information

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|------------------|--|--------------------|---|
| Chemical name | 1,6-Hexanediamine | Formula | C6H16N2 |
| Synonyms | 1,6-Diaminohexane, hexamethylenediamine | Chemical structure |  |
| CAS.No. | 124-09-4 | | |
| EINECS No. | 204-679-6 | | |
| Molecular weight | 116.2 | | |

Physical properties

| | |
|--------------------------------|--------------------------------|
| Appearance | Colourless transparent crystal |
| Density,20℃, g/cm ³ | 0.89 |
| Boiling point,℃ | 204-205 |
| Melting point,℃ | 42-45 |
| Flash point,℃ | 94 |
| Refractive index | 1.439 |

Specification

| Items | Industry grade |
|-----------------|----------------|
| Assay,% | ≥ 99.0 |
| Water,% | ≤ 0.30 |
| Melting point,℃ | ≥ 40.0 |
| Color(APHA) | ≤ 5 |

Application

- 1) It is most used in the synthesis of nylon 66 and 610 resin,
- 2) It is used as a raw material for polyurethane foam and curing agent for epoxy resin.
- 3) It is used as a stabilizer and beaching agent for textile and paper industry bleaching agent
- 4) It can be used in the production of adhesives, aviation coatings and rubber vulcanization accelerators.

Package

160kg/plastic drum, 80drum(12.8mt) per 20'container



Safety on transportation

It belongs to common goods, always refer to MSDS.

Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

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