

Technical Data Sheet

Hexamine (hexamethylenetetramine) · CAS 100-97-0 · C₆H₁₂N₄

TECHNICAL DATA SHEET - DRAFT

HEXAMINE (Stabilized/Unstabilized)

Chemical Properties

- Chemical Formula: C₆H₁₂N₄
- CAS Number: 100-97-0
- Molecular Weight: 140.19
- Appearance: White Crystalline Powder

Specifications

Property Specification
:--- :---
Purity (Assay) "e 99.0 %
Moisture Content "d 0.5 %
Ash Content "d 0.05 %
Heavy Metals (Pb) "d 0.001 %
Appearance of Solution Clear and Colorless
pH (10% Solution) 7.0 - 9.0

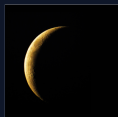
Particle Size Options

- Standard: 60-100 mesh
- Fine Powder: < 200 mesh
- Granular: 2-5 mm

Applications

Hexamine is primarily used as a curing agent in phenolic resins, an accelerator in rubber, and as a stabilizer for oils and lubricants. It is also a precursor to RDX and HMX explosives and is used extensively in the manufacture of solid fuel tablets for outdoor use.

Note: This data sheet is a draft based on standard specifications. Contact Moonarc Chemicals for COA of specific batches.



GET IN TOUCH

Contact The Moonarc Group

We supply industrial chemicals to manufacturers across the globe. Reach out for quotations, technical clarifications, custom packaging or regulatory documentation.

EMAIL

info@themoonarc.com

WEBSITE

themoonarc.com

INSTAGRAM

instagram.com/themoonarcfzco

Global offices

UNITED ARAB EMIRATES

The Moonarc FZCO

101, A2 Building, IFZA Dubai Silicon Oasis, Dubai. P.O
Box 342001

INDIA

Moon Arc

B-39 1st Floor, DDA Shed, Okhla Phase II, New
Delhi-110020

UZBEKISTAN

Lunar Kimyo Impeks

Samarkand, Uzbekistan

WEST AFRICA

Arc Lunaire Commerce

Togo, West Africa

Thank you for choosing The Moonarc Group.

info@themoonarc.com • themoonarc.com