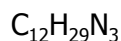


DYTEK[®] BHMT Amine

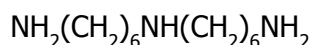
Bis(hexamethylene)triamine



Product Description

BHMT Amine is a mixed amine containing 25-82 wt% of Bis(hexamethylene)triamine (BHMT) as the primary component. Available in the following grades:

- BHMT Amine (25% to 49%)
- BHMT Amine (50% to 78%)
- BHMT 80



Typical Composition (wt%)

Bis(hexamethylene)triamine (BHMT)	25–82
Oligomeric Amines	6–70
Caprolactam	3–5
Hexamethylenediamine	1–3
C ₁₀ Amines	1–4
6-Aminocaproamide	1–3

Applications

- Asphalt anti-stripping agents
- Cationic emulsifying agents
- Cationic collectors for ore flotation
- Chelating agent
- Corrosion and scale inhibitors
- Curing agents for urethanes
- Curing agents for epoxy resins
- Flocculating agents
- Wet strength paper resins

General Information

CAS Registry Number	68411-90-5
Specific Gravity	0.93–0.97
Boiling Point, °C (°F), 100 mmHg with decomposition	249 (480)
Melting Point, °C (°F) (pure component)	32–34 (90-93)
Vapor Pressure, mmHg, 180°C (356°F) (pure component)	7
Flash Point, °C (°F) (open cup)	121 (250)
Amine Value, mg KOH/g	525–700

Shipping

DOT/IMO Proper Shipping Name:	Corrosive Solid, Toxic, N.O.S. (contains Bis(hexamethylene)triamine and Aminonitiles)
Hazard Class:	8
Subsidiary Hazard Class:	6.1
UN Number:	2923
Packaging Group:	II
DOT/IMO Label:	Corrosive, Toxic

Packaging

	Net Weight (lbs/kg)
Railcar	170,000/77,100
Tank truck	45,000/20,400
Drums	400/181

For Samples and Information:
INVISTA™ Specialty Intermediates • (800) 231-0998
World Wide Web address: www.intermediates.invista.com

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