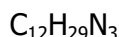


# DYTEK<sup>®</sup> Bis(hexamethylene)triamine (BHMT)

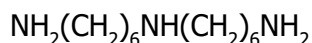
Bis(hexamethylene)triamine



## Product Description

DYTEK<sup>®</sup> BHMT Amine is a mixed amine containing 25-85 wt% of Bis(hexamethylene)-triamine (BHMT) as the primary component. Available in the following grades:

- DYTEK<sup>®</sup> BHMT Amine (25% to 49%)
- DYTEK<sup>®</sup> BHMT Amine (50% to 78%)



## Typical Composition (wt %)

Bis(hexamethylene)triamine (BHMT)	25–85
Oligomeric Amines	6–70
Caprolactam	3–5
Hexamethylenediamine	1–3
C <sub>10</sub> 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	474-736

## Packaging

Tank truck  
Drums

### Net Weight (lbs/kg)

45,000/20,400  
400/181

---

**For Samples and Information:**  
INVISTA™ Specialty Intermediates • (800) 231-0998  
[www.DYTEK.invista.com](http://www.DYTEK.invista.com)

---

This Product Data Sheet contains selected information about a specific INVISTA product, or group of products, and particular uses of the same. It relates only to the identified product and any identified uses and is based on information available as of the date hereof. Additional information may be needed to evaluate other uses of the product, including use of the product in combination with any materials or in any processes other than those specifically referenced. Information provided herein with respect to any hazards that may be associated with the product is not meant to suggest that use of the product in a given application will necessarily result in any exposure or risk to workers or the general public. **THIS PRODUCT DATA SHEET DOES NOT CONTAIN A COMPLETE STATEMENT OF, AND DOES NOT CONSTITUTE A REPRESENTATION, WARRANTY OR GUARANTY WITH REGARD TO, A PRODUCT'S CHARACTERISTICS, USES, QUALITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR THE SUITABILITY, SAFETY, EFFICACY, HAZARDS OR HEALTH EFFECTS OF THE PRODUCT, WHETHER USED SINGULARLY OR IN COMBINATION WITH ANY OTHER PRODUCT, EXCEPT TO THE EXTENT REQUIRED BY THE RELEVANT LAW AND REGULATIONS.** Purchasers and users of the product are responsible for determining that the product is suitable for the intended use and that their workers and the general public are advised of any risks resulting from such use. Nothing contained in this Product Data Sheet shall be construed to modify any of the commercial terms pursuant to which the product was sold by INVISTA including, but not limited to, terms and conditions addressing each party's respective rights and obligations with regard to warranties, remedies and indemnification.

If purchasers and users believe or have reason to believe that the Product Data Sheet or other information provided to them by INVISTA is inaccurate or in any way insufficient for any purpose, they should immediately notify INVISTA of the same, and of the basis for their belief (for example, studies, data, reports of incidents, etc.) so that INVISTA can determine whether modification or supplementation of the Product Data Sheet, or other measures, are appropriate. Failure of purchasers and users to timely provide such notice shall be deemed a waiver by purchasers and users of any and all claims, demands or causes of action, including causes of action based on an alleged failure to warn, for personal injury or damage to the environment or property arising from or attributable to the use of product.

This disclaimer shall be effective to the extent allowed by law. Should any provision be deemed to be ineffective or unenforceable, that provision shall be deemed severed from the disclaimer and the remaining provisions shall continue to have full force and effect.

INVISTA and DYTEK<sup>®</sup> amines, nitriles and boron products are registered trademarks of INVISTA. Copyright© 2020 INVISTA. All rights reserved.