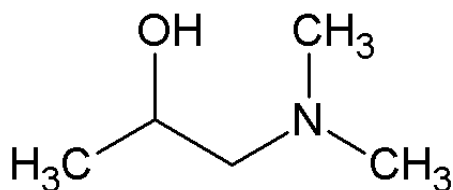


Bisomer[®] Amine D700

Bisomer[®] Amine D700 (77% aqueous dimethylamino hydroxypropane solution) is a multifunctional amino alcohol additive.

Chemical Structure



CAS Number: 108-16-7

Typical Physical Properties *

Property	Value	Method
Appearance	Clear yellow liquid	(E284; 01-13)
Water content, % (mass)	22 - 24	(E203; 23-01)
Active matter, %	74 - 77.5	(04-56)
Colour number, Pt/Co	200 max	(D1209; 03-18)
Molecular weight, g / mol	103	

EUROPE

Charleston Road, Hardley,
Hythe, Southampton, Hampshire
SO45 3ZG UK
Call +44 2380 245 437

NORTH AMERICA

300 Brookside Avenue,
Building #23, Suite 100 Ambler,
PA 19002 USA

Call +1 215 773 9280 Toll

Free 888 519 3883

Email: PaintsandCoatings@geosc.com

www.geosc.com

* The typical values presented here are believed to be accurate; they should not, however be considered to constitute a specification.

Bisomer[®] Amine D700

TECHNICAL DATA SHEET

Additional Properties	Dimethylamino Hydroxypropane	Bisomer [®] Amine D700
Density @ 20°C, g / ml	0.845 to 0.855	0.908 to 0.918
Boiling point @ 760 mmHg, °C	123.0 to 126.5	97 (azeotrope)
Vapour pressure @ 20°C, mmHg	8	20
Flash point, closed cup, °C	28	37
Auto-flammability / ignition temp., °C	225	
Pour point, °C	- 85	- 50
Viscosity @ 20°C, cP	1.5	3
Refractive index @ 20°C, nD	1.4189	
Coefficient of expansion per °C	0.00109	
Heat of vaporisation (liq.) @ 25°C, cal / g	94	
Specific heat @ 25°C, cal / (g.°C)	0.584	
Solubility		
In water	Fully miscible	
In methanol and acetone	Fully miscible	
In benzene	Very soluble	
In hexane	Soluble	
pH of 100 g / litre aqueous solution @ 20°C	12.1	
Surface tension @ 20°C, dynes / cm	24.5	

All information and data, including the formulations and procedures discussed herein, are believed to be correct. However, this should not be accepted as a guarantee of their accuracy, and confirming tests should be run in your laboratory or plant. No statement should be construed as a recommendation for any use which would violate any patent rights. Sales of all products are pursuant to terms and conditions included in GEO Specialty Chemicals sales documents. Nothing contained therein shall constitute a guarantee or warranty with respect to the products described or their use. Safety information regarding these products is contained in their Safety Data Sheets. Users of these products are urged to review and use this information.

REVISION DATE: OCTOBER 2020

Bisomer[®] is a registered trademark of GEO Specialty Chemicals, Inc.



G E O[®]
SPECIALTY CHEMICALS

Applications

Bisomer[®] Amine D700 is a multifunctional amino alcohol for aqueous polymer systems. It forms an aqueous azeotrope that minimises dry time and maximises amine elimination.

The surfactant effect of **Bisomer[®] Amine D700** provides enhanced pigment dispersion, wetting and flow with additional benefits for water-based system formulators

Product Compliance

Kosher Status of **Bisomer[®] Amine D700** : Pareve Passover (Copy of Kosher Certificate available on request)

Swiss Ordinance 817.023.21 – Listed (Part B)



Registration & Regulatory Information: Please refer to the safety datasheet.

Handling & Storage: This product can be stored for up to 3 years at ambient storage temperature and conditions without any deterioration. Please refer to the safety datasheet for more details.

Miscellaneous: Various pack types available; please contact your local GEO Specialty Chemicals representative for further information.

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