

Product Information

Triethylene Glycol (TEG)

Product Description:

Triethylene Glycol (TEG) is a clear, colorless and odorless liquid with a moderate viscosity. It is hygroscopic, miscible in water and many other organic solvents. TEG is versatile since its hydroxyl groups can undergo a wide variety of reactions, providing the opportunity for a wide variety of derivatives. Thus, its use in a variety of applications.

Applications:

TEG is used as a cement grinding aid that can also acts as a mild retarder or accelerator depending on the concentration used. It is used to strip water, carbon dioxide, hydrogen sulfide and other gases out of natural gas. It is used in the manufacture of emulsifiers, lubricants, heat-transfer fluids, textiles, vinyl and other polymers. It is used as a chemical intermediate in a variety of industrial processes.

Chemical Formula:

$C_6H_{14}O_4$

CAS No. :

112-27-6

Specifications:

Parameters (units)	Specifications
Appearance	Clear and colorless liquid, free of suspended matter
Specific gravity, at 20 °C	1.124 - 1.126
Viscosity, at 40 °C (cSt)	Approx. 17.39
Refractive index, at 20 °C	Approx. 1.4539
TEG content (wt %)	≥ 99.0
DEG content (wt %)	≤ 1.0
Tetra and Heavier EG content (wt %)	≤ 0.5
Water content (wt %)	≤ 0.05
Distillation range, 5 - 95% vol at 760 mm Hg (°C)	280 - 295
Flash point, PMCC (°C)	Approx. 166
Melting point (°C)	Approx. - 7
Color, Pt-Co (mg Pt/L)	≤ 25
Acidity, as acetic acid (ppm)	≤ 14
Ash content (ppm)	≤ 50
Aldehydes, as formaldehyde (ppm)	≤ 0.7

Bisley International LLC
1790 Hughes Landing Boulevard Suite 400
The Woodlands 77380 TX USA
Phone number: +1 (844) 424 7539
Emergency telephone number: +1 855 237 5573

bisleyinternational.com

Copyright 2021 Bisley & Co. Pty Ltd. All rights reserved



Packaging:

Material is available in 225 kg drums, flexibags and 1.1 MT IBCs. Further packaging options may be available upon enquiry.

Storage:

Product should be stored in a dry place away from direct sunlight in sealed, original packaging.

Safety:

For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer: This document is for information purposes only. Customers are responsible for testing and confirming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

Global Headquarters

Sydney, Australia

Bisley & Company
Level 12, Tower B Citadel Towers
799 Pacific Highway
Chatswood NSW 2067 Australia
Phone: +61 2 8905 4200
Fax: +61 2 8905 4238
Email: australia@bisley.biz

Jakarta, Indonesia

PT Bisindo Kencana
Puri Indah
Financial Tower
9th Floor, Unit 09 Jalan Puri
Lingkar Dalam Blok
T8 Jakarta Barat 11610
Indonesia
Phone: +6221 530 7287

Bangkok, Thailand

Bisley Asia (Thailand) Co. Ltd.
Mahatun Plaza Building 18th Floor
888/186 Ploenchit Road
Lumpini, Pathumwan
Bangkok 10330
Thailand
Phone: +66 0 2689 6396
Fax: +66 0 2689 6394

Kuala Lumpur, Malaysia

Bisley Asia (M) Sdn Bhd
Co. Reg. No.:199201002123
(233627-U)
Suite 20-01 & 20-02B,
Level 20, The Pinnacle,
Persiaran Lagoon, 47500
Bandar Sunway, Subang Jaya Selangor,
Malaysia
Tel: +603-56244287/4289
Fax: +603-56244201

Dubai, United Arab Emirates

Bisley Chemicals Trading LLC
1802 B2B Office Tower
Business Bay
PO Box 9298
Dubai United Arab Emirates
Phone: +971 4 3310088
+971 4 3310111
Fax: +971 4 3310099

USA and Canada

Bisley International LLC
1790 Hughes Landing Boulevard
Suite 400
The Woodlands 77380 TX USA
Phone: +1 (844) 424 7539
Emergency telephone number:
+1 855 237 5573
Email: international@bisley.biz

Bisley International LLC
1790 Hughes Landing Boulevard Suite 400
The Woodlands 77380 TX USA
Phone number: +1 (844) 424 7539
Emergency telephone number: +1 855 237 5573

bisleyinternational.com

Copyright 2021 Bisley & Co. Pty Ltd. All rights reserved

