



Susterra[®] Propanediol

Chemical Name	Susterra [®] Propanediol
CAS Number	504-63-2
Molecular Formula	C ₃ H ₈ O ₂
Molecular Weight	76.1
Molecular Structure	HO OH
Boiling Point	417.60°F / 214.22°C
Freezing Point	-17.77°F / -27.65°C
Refractive Index	1.436 (68°F)
Density	1.053 (68°F)
Weight	8.78 (US lbs @ 68°F)
Specific Heat	0.53 BTU/lb.°F
Viscosity	49 cP (68°F)
Flashpoint	268°F / 131°C
Autoignition Temperature	752°F / 400°C
Vapor Pressure	0.0119 mmHg (68°F)

Table 1 Physical Properties

Susterra[®] Propanediol Properties

Applications that require freeze protection for aqueous solutions can take advantage of Susterra[®] propanediol's freeze point depression properties.

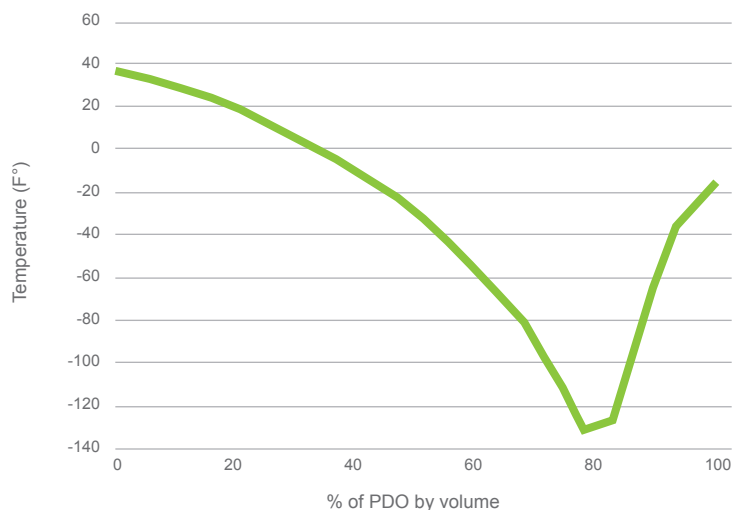


Chart 1 Physical Properties

For additional information
or samples:

**DuPont Tate & Lyle Bio Products
Customer Service**

198 Blair Bend Drive
Loudon, TN 37774

Tel: +1-866-404-7933

www.duponttateandlyle.com



Copyright © 2019 DuPont Tate & Lyle Bio Products Company, LLC. Susterra[®] is a registered trademark of DuPont Tate & Lyle Bio Products Company, LLC, for its brand of bio-based propanediol. All rights reserved. This technical product information is presented in good faith and is believed to be accurate and reliable as of the date of publication. DuPont Tate & Lyle Bio Products makes no guarantee or warranty of any kind, expressed or implied, regarding the product or information contained herein. Purchaser assumes all risk and liability in acting on the information provided herein. It is the sole responsibility of the Purchaser to determine whether Susterra[®] propanediol is appropriate and suitable for the Purchaser's specific end use and, as required, to obtain approval by appropriate regulatory authorities for such use. Statements made concerning the use of Susterra[®] propanediol are not to be construed as recommendations, suggestions or inducements to use it in the infringement of any patent or in violation of any applicable laws or regulations. DuPont Tate & Lyle Bio Products disclaims any liability for infringement of any patent by reason of customer's use of any products or information contained herein in combination with other materials or in any process. (10/2019)