



Product Bulletin

G-3300

Product Name																									
Chemical Description	Alkyl aryl sulfonate, isopropyl amine salt																								
CAS Registry No.	68584-24-7 and 68649-00-3																								
Applications	<p>G-3300 is an amine salt of alkylbenzene sulfonic acid. It may be used as a pigment dispersant in both water and oil based paints. It may also be used in combination with other surfactants to design specialty emulsifiers. G-3300 is an effective wetting agent for use in waterborne coatings. It can be incorporated during the letdown phase of production or post added to the final formulation. Typical use level, based on active content, is 2 – 6 lbs/100 gallons, however, optimal dosing should be determined by performing a ladder study. G-3300, may also positively impact the following coatings properties:</p> <ul style="list-style-type: none">• Gloss• Color Acceptance• Washability																								
Typical Properties	<table><tr><td>Appearance at 25 °C.....</td><td>Clear Amber Liquid</td></tr><tr><td>Actives, %</td><td>90 min.</td></tr><tr><td>Density at 25 °C, g/ml (lbs/U.S. gal).....</td><td>1.03 (8.54)</td></tr><tr><td>Color, Gardner</td><td>8</td></tr><tr><td>Moisture, %</td><td>3.5</td></tr><tr><td>pH, 20% in 1:1 IPA/H₂O</td><td>3.8</td></tr><tr><td>HLB</td><td>11.7</td></tr><tr><td>Viscosity at 25 °C, cps.....</td><td>6000</td></tr><tr><td>Pour Point, °C (°F)</td><td>-5.6 (22)</td></tr><tr><td>Freeze Point, °C (°F).....</td><td>-7.7 (18)</td></tr><tr><td>Flash Point, PMCC, °C (°F).....</td><td>92 (197)</td></tr><tr><td>RVOC, U.S. EPA, %.....</td><td>0</td></tr></table>	Appearance at 25 °C.....	Clear Amber Liquid	Actives, %	90 min.	Density at 25 °C, g/ml (lbs/U.S. gal).....	1.03 (8.54)	Color, Gardner	8	Moisture, %	3.5	pH, 20% in 1:1 IPA/H ₂ O	3.8	HLB	11.7	Viscosity at 25 °C, cps.....	6000	Pour Point, °C (°F)	-5.6 (22)	Freeze Point, °C (°F).....	-7.7 (18)	Flash Point, PMCC, °C (°F).....	92 (197)	RVOC, U.S. EPA, %.....	0
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Solubilities	G-3300 is stable in acetone, methanol, mineral spirits, kerosene and toluene. It is slightly soluble in water, dispersible in 5% solutions of hydrochloric acid and sulfuric acid and insoluble in vegetable oils.																								
Environmental Effects	G-3300 is biodegradable. Additional information is available upon request.																								
Storage & Handling	<p><u>Standard Packaging:</u> G-3300 is available in bulk, drum and tote quantities</p> <p><u>Bulk Storage Information:</u> Tanks made of 316 stainless steel or fiberglass with Atlac 382 corrosion liner are recommended. Positive displacement gear pumps and piping should be 316 stainless steel. Recommended storage for bulk tanks is 26-37 °C (80-100 °F).</p> <p>Handle G-3300 with care; use away from sparks and open flame. Use in a well ventilated area. Contact with eyes, nose, and prolonged contact with skin should be avoided. Use gloves and safety goggles when handling G-3300.</p> <p>It is recommended that G-3300 be stored in sealed containers at temperatures below 32 °C (90 °F). Avoid overheating or freezing. If material is frozen, mild heat and agitation are recommended to ensure the material is homogeneous before use.</p>																								



Clearances

The international inventories (country clearances) of G-3300 can be found in Section 15 of the Safety Data Sheet (SDS). **It is the responsibility of the formulator to review the chemical control regulations for each country where the end product is intended to be sold or used.** If you have any further questions regarding inventories, please contact North America Technical Service at techserv@stepan.com.

G-3300 is approved under U.S. EPA 40 CFR 180.920 and 180.930.

Product Stewardship

This product bulletin has been written in accordance with ACC's Product Stewardship guidelines.

Additional Safety Information

A Safety Data Sheet is available upon request.



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