



*** CONFIDENTIAL ***

Specification Number:	PA464 STEPAN	<input type="checkbox"/>	Manufacturing Specification
Issue:	1 (18-Jul-2017)	<input checked="" type="checkbox"/>	Customer Specification
Approvals:	Lisa Stover	<input type="checkbox"/>	Raw Materials Specification
Tradename:	BIO-TERGE AS-90 COARSE	Mid4:	8446
Material Type:	ALPHA OLEFIN SULFONATE		

<u>Description</u>	<u>Limits</u>	<u>Measure Unit</u>
110-0 APPEARANCE	Off White to Light Yellow, Free Flowing Powder/Beads	
058-0 PH (5% IN H2O)	8.0 - 10.0	
C0053 ACTIVE	85 Min.	%
125-0 FREE OIL	1.7 Max.	%
022-0 WATER (%)	2.5 Max.	%
119-0 SODIUM CHLORIDE (%)	1.5 Max.	%
098-G SODIUM SULFATE	4 - 8	%
006-E COLOR KLETT	150 Max. (5% in Water)	

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