



Formulation

Name	INDUSTRIAL RINSE AID	
No.	1590	
Description	This rinse aid formulation provides good sheeting action and reduced drying time. The formulation incorporates an alkoxyate/ethoxyate blend that has been shown to have excellent wetting properties while still maintaining little to no foam formation. The formulation is best used at higher temperatures (~60°C /~140°F) as is standard in industrial warewash machines.	
Formulation	<u>INGREDIENTS:</u>	<u>% by Weight</u> <u>Functionality</u>
	Deionized Water	q.s. to 100 Diluent
	MAKON® 17R2	11.3 Wetting Agent
	MAKON® DA-6	3.7 Additive
	STEPANATE® SXS	5.0 Hydrotrope
	PURAC® 88-T (Corbion PURAC) Lactic Acid	4.5 Chelating Agent
	Colorant	q.s. Dye
	Total	100.0
Procedure	<ol style="list-style-type: none"> 1. Add Deionized Water to the vessel with mixing. 2. Under mixing, incorporate STEPANATE® SXS. 3. Add MAKON® 17R2 and MAKON® DA-6 while mixing. 4. Add PURAC® 88-T and mix until homogeneous. 5. Add Colorant as needed. 	
Physical Properties	Appearance at 25°C	Clear liquid
	Viscosity at 25°C, cps	<150
	Cloud Point (1% by weight), °C (°F)	47 (117)
Storage/Stability	4 weeks at -15°C	Stable
	4 weeks at 10°C	Stable
	4 weeks at 25°C	Stable
	4 weeks at 60°C	Stable
	Freeze/Thaw, 10 Cycles	Pass
Instructions for Use	Meter into warewash machine, using an automated injector system that adds the product to the final rinse.	
External Comment	Marketing Notes: This formulation does not contain any added solvents or volatile organic compounds.	
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For Additional	For applications or product handling assistance, call our Technical Service Department at 1-800-745-7837 (U.S.) or +33 476 505 100 (Europe). For ordering assistance, call our Account Service Department at 1-800-457-7673.	

Assistance

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