




Formulation

Name	CONCENTRATED HEAVY DUTY CLEANING COMPOUND WITH BIO-SOFT® LD-190	
No.	271	
Description	Removes grease, lubricants, hydraulic oils, carbonaceous soils from towing locomotives, cranes, etc.	
Formulation	<u>INGREDIENTS:</u>	<u>% by Weight</u>
	Deionized Water	77.6
	Sodium Metasilicate Pentahydrate	1.4
	Versene 100	1.0
	STEPANATE® SXS	10.0
	BIO-SOFT® LD-190	10.0
	Total	100.0
Procedure	Dissolve Metasilicate and Versene 100 in water. Add remaining ingredients in the order shown above while under agitation. Mix until homogeneous.	
Physical Properties	Appearance at 25°C	Clear liquid
	Density, lbs/gal	8.41
	pH, as is	12-13
	Solids, %	12-15
	Viscosity at 25°C, cps	<100
	Flash point, °F (PMCC)	>201
Storage/Stability	4 weeks at 4°C	Stable
	4 weeks at 25°C	Stable
	4 weeks at 50°C	Stable
	Freeze/thaw, 10 cycles	Pass
Registered Trademarks of Stepan Company	STEPANATE® BIO-SOFT®	
For Additional Assistance	<p>For applications or product handling assistance, call our Technical Service Department at 1-800-745-7837 (U.S.) or 011-334-76-505-100 (Europe). For ordering assistance, call our Account Service Department at 1-800-457-7673.</p> <p>Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of the manufacturer or others. The information contained herein is based on the manufacturer's own study and the works of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.</p>	
	 Stepan Company Northfield, Illinois 60093	

Telephone (847) 446-7500

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