



# Formulation

Name	<b>NEUTRAL GENERAL PURPOSE DEGREASER</b>	
No.	1191	
Description	This ready-to-use cleaner contains anionic and nonionic surfactants for greasy, grimy, particulate soils, but unlike traditional degreasers it contains a solvo-surfactant, STEPOSOL® MET-10U, eliminating the need of glycol solvents for soil penetration. The pH is recommended in the neutral range for surface compatibility.	
Formulation	<b>INGREDIENTS:</b>	<b><u>% by Weight</u>    <u>Functionality</u></b>
	Deionized Water	83.7 Carrier
	BIO-SOFT® N91-6	1.0 Emulsifier, Cleansing Agent
	BIO-SOFT® D-40	5.0 Cleansing Agent
	BIO-TERGE® PAS-8S	8.0 Hydrotrope
	STEPOSOL® MET-10U	2.0 Surfactant/Solvent
	Sodium Citrate	0.3 Builder
	Fragrance, Preservative and Dye	q.s. Additives
	<b>Total</b>	<b>100.0</b>
Procedure	<ol style="list-style-type: none"> <li>1. Charge Deionized Water.</li> <li>2. With good agitation, slowly blend in BIO-SOFT® N91-6.</li> <li>3. Once clear, add BIO-SOFT® D-40 and BIO-TERGE® PAS-8S.</li> <li>4. Add Sodium Citrate when blended.</li> <li>5. When dissolved, add STEPOSOL® MET-10U.</li> <li>6. Add Fragrance, Preservative and Dye as needed.</li> <li>7. Mix until homogenous.</li> </ol>	
Physical Properties	Appearance at 25°C	Clear liquid
	pH, as is	6-7
	Viscosity at 25°C, cps	Water thin
	VOC (calculated), %	0.35
Storage/Stability	Freeze/thaw, 3 cycles	Pass
	4 weeks at 50°C	Pass
	4 weeks at 4°C	Pass
	4 weeks at 25°C	Pass
Instructions for Use	Use as is. Spray onto surface and wipe clean.	
External Comment	Marketing Notes: Formulation is VOC compliant with US Federal and all State VOC standards for Non-aerosol General Purpose Degreasers as of January 2019. For U.S. formulators, STEPOSOL® MET-10U is a low vapor pressure VOC (LVP-VOC), therefore its contribution to the VOC calculation is zero. STEPOSOL® MET-10U does not contribute to the VOC calculation because of its high boiling point and low vapor pressure.	
Registered	BIO-SOFT®	

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For  
Additional  
Assistance

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.

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