



Formulation

Name	I&I DEGREASER CONCENTRATE	
No.	1151	
Description	This I&I degreaser concentrate formulation is specially formulated with a solvent, builder, and surfactant that will cut through heavy, grimy grease and dirt. It can be easily diluted to tackle any tough cleaning job.	
Formulation	INGREDIENTS:	<u>% by Weight</u> <u>Functionality</u>
	=== Phase 1 ===	
	Deionized Water	38.0 Diluent
	=== Phase 2 ===	
	BIO-SOFT® GSB-9	21.0 Wetting Agent
	Dowanol PnB (Dow) Propylene Glycol n-Butyl Ether	8.8 Solvent
	Sodium Metasilicate Pentahydrate	3.5 Builder
	BIO-TERGE® PAS-8S	28.7 Hydrotrope
	Total	100.0
Procedure	<ol style="list-style-type: none"> 1. Charge Water. 2. With good agitation, slowly blend ingredients in the order listed above. 3. Mix until homogenous. 	
Physical Properties	Appearance, as is	Clear liquid
	pH, as is	14.0
	pH, 1:64 (2 oz/gal) dilution	10.0
	Viscosity at 25°C, cps	Water thin
Storage/Stability	Freeze thaw, 3 cycles	Pass
	4 weeks at 25°C	Pass
	4 weeks at 50°C	Pass
	4 weeks at 4°C	Pass
Instructions for Use	<p>For general degreasing, dilute 1:64. For tougher chores, dilute 1:32 or use full strength.</p> <p>Test Method: ASTM D4488-95, A5, method for all-purpose/dilutable household and I&I cleaners; ASTM Book of Standards, Volume 15.04, D4488-95, Section A5. Dilution Results (1:64): 76% soil removed.</p>	
External Comment	Marketing Notes: BIO-SOFT® GSB-9 and BIO-TERGE® PAS-8S are approved ingredients on www.cleangredients.org . For further information, visit our website or www.cleangredients.org .	
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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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