



Formulation

Name	INDUSTRIAL AUTOMOTIVE ENGINE BLOCK CLEANER & HEAVY-DUTY DEGREASER WITH STEPOSOL® SB-W	
No.	944	
Description	Used for the cleaning of heavily soiled metal or other hard surfaces such as automobile engines, garage floors, or metal parts. This formulation can be used to penetrate this type of soil, and then be easily removed by rinsing with a stream of water.	
Formulation	<u>INGREDIENTS:</u>	<u>% by Weight</u>
	Butyl Cellosolve Solvent (Dow Chemical) Butoxyethanol	19.05
	MAKON® 4	4.76
	STEPOSOL® SB-W	57.14
	MAKON® 10	19.05
	Total	100.00
Procedure	Mix ingredients in order listed with vigorous agitation.	
Physical Properties	Appearance at 25°C	Clear, yellow liquid
	pH, as is	8
	Viscosity at 25°C cps	25
	Density, lbs./gal	6.93
	Solids, %	80
	Flash point, F (PMCC)	182
Storage/ Stability	4 weeks at 4°C (39°F)	Stable
	6 weeks at Room Temperature	Stable
	4 weeks at 40°C (104°F)	Stable
	4 weeks at 50°C (122°F)	Stable
	Freeze / Thaw (4 cycles)	Passed
Instructions for Use	Apply to the greasy surface by spray, brush, or dip. Let the surface soak briefly to permit penetration. Flush with water.	
External Comment	May darken upon storage above 40°C. STEPOSOL® SB-D can be substituted for STEPOSOL® SB-W. STEPOSOL® SB-D has a lighter color while STEPOSOL® SB-W has a lower odor.	
Registered Trademarks of Stepan Company	MAKON® STEPOSOL®	
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.	
	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.



Stepan Company
Northfield, Illinois 60093
Telephone (847) 446-7500

Revision Date: 07/27/2009 Publication Date: © 2012, Stepan Company. All rights reserved.