## **Stepan**<sub>®</sub>



## **Product Bulletin**

Product Name	BIO-SOFT <sup>®</sup> LFS-04		
Chemical Description	Nonionic Blend		
CAS Registry Number	Proprietary		
Applications	BIO-SOFT LFS-04 is a high active nonionic surfactant blend that can be used in a wide variety of cleaning applications. BIO-SOFT LFS-04 is especially useful in concentrated cleaners for high dilution used on surfaces where minimal filming/streaking is desired, such as glass windows and mirrors, floors, ceramic, and vehicle windows. BIO-SOFT LFS-04 can often replace alkyl polyglucoside surfactants in cleaners due to its excellent low film/streak performance.		
Typical Properties	Appearance at 25 °C (77 °F)		
Environmental Effects	BIO-SOFT LFS-04 is expected to be readily biodegradable based on the biodegradation profile of its major component(s).		
Health Effects	BIO-SOFT LFS-04 is expected to be slightly toxic orally (LD50> 500 mg/kg body weight). Undiluted product is expected to be severely irritating to eye, and may causing irreversible eye damage.		
Storage & Handling	Normal safety precautions (e.g., gloves and safety goggles) should be employed when handling BIO-SOFT LFS- 04. Avoid contact with eyes and nose, or prolonged contact with the skin. Wash thoroughly after handling. BIO-SOFT LFS-04 is prone to gelling when diluted in water. When diluting in water, heating may help speed dissolution of the gel that may form.		
	Standard Packaging: BIO-SOFT LFS-04 is available in drums. Please inquire if larger sizes are required.		
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	cool, dry place away from incompati	ble materials (see Section 10 of th 0 °C (122 °F). If material is frozen it s	ored in closed containers and kept in a e SDS). Product should be stored at should be heated gently and stirred to	
Clearances	Data Sheet (SDS). It is the responsi	bility of the formulator to review t ct is intended to be sold or used. I	an be found in Section 15 of the Safety <b>he chemical control regulations for</b> f you have further questions regarding stepan.com.	
Product	This product bulletin has been writte	n in accordance with ACC's Product	Stewardship guidelines.	
Stewardship Additional Safety	A Safety Data Sheet is available upo	on request.	Responsible Care'	
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February 2020 Page 2 of 2	Stepan Corporate Headquarters Northfield, Illinois 60093, U.S.A. Phone: 847-446-7500 Fax: 874-501-2100 Website: www.stepan.com	<u>For Technical Service Call:</u> Stepan North America <b>+1-800-745-7837</b> Stepan Mexico <b>+55-11-5089-2208</b> Stepan Quimica <b>+55-11-5089-2200</b> Stepan Colombia <b>+571-636-2808</b> Stepan Europe <b>+33-476-505-160</b> Stepan Asia <b>+656-879-9855</b> Stepan Philippines <b>+656-879-9855</b>	For Customer Service Call:      Stepan North America +1-800-457-7673      Stepan Mexico +52-555-533-1967      Stepan Quimica +55-11-5089-2200      Stepan Colombia +57-6-8993125      Stepan UK +44-161-338-5511      Stepan France +33-476-50-51-00      Stepan Philippines +63-2-842-7951	

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