Stepan

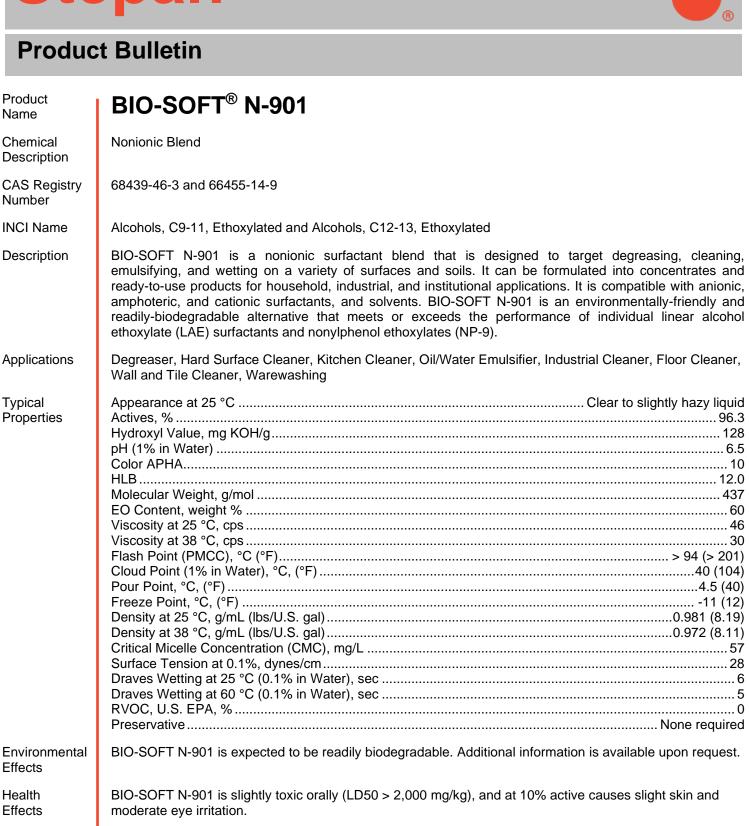


Product Name

Chemical

Number

Typical Properties



Nov. 2020 Supersedes April 2017 Page 1 of 2

Effects

Health

Effects

BIO-SOFT® is a registered trademark of Stepan Company.



While diluting BIO-SOFT N-901, as with all alcohol ethoxylates, it is prone to gelling. If the product is diluted into water, heating may be required to minimize or eliminate gel formation.

Standard Packaging: BIO-SOFT N-901 is available in drums, totes, and in bulk quantities.

<u>Non-Bulk Storage Recommendations</u>: BIO-SOFT N-901 should be stored in closed containers and kept in a cool, dry place away from incompatible materials (see Section 10 of the SDS). In general, as with all alcohol ethoxylates, non-bulk packages should be stirred to ensure they are homogeneous before use. If material is frozen, it should also be heated gently and stirred to ensure it is homogeneous before use.

<u>Bulk Storage Recommendations</u>: BIO-SOFT N-901 should be stored in vessels of 316 stainless steel or fiberglass with a corrosion liner. Heating and agitation are recommended for outside storage. Material should be stored between 95-131 °F (35-55 °C). An internal hairpin coil of 316 stainless steel with low pressure steam (under 50 psig) should be used if heating is required. Pumps, pipes and transfer lines should be 316 stainless steel.

Normal safety precautions (i.e., gloves and safety goggles) should be employed when handling BIO-SOFT N-901. Contact with eyes, nose or prolonged contact with skin should be avoided. Wash thoroughly after handling BIO-SOFT N-901.

Workplace Occupational exposure can occur primarily through skin contact or via inhalation of vapors and mists. Exposure Engineering controls, personal protective equipment, and other workplace practices should be used to control these exposures.

Clearances The international inventories (country clearances) of BIO-SOFT N-901 can be found in Section 15 of the Safety Data Sheet (SDS). It is the responsibility of the formulator to review the chemical control regulations for each country where the end product is intended to be sold or used. If you have any further questions regarding inventories, please contact North America Technical Service at techserv@stepan.com.

BIO-SOFT N-901 meets the U.S. EPA Safe Choice Program's surfactant screen and is listed on www.cleangredients.org (an on-line database for green formulators). This product has a maximum use level of 25%. For further information, visit www.cleangredients.org. Additional Stepan ingredient listing can be found at www.stepan.com.

Product Stewardship

This product bulletin has been written in accordance with ACC's Product Stewardship guidelines.

Additional Safety Information

Nov. 2020

April 2017

Page 2 of 2

Supersedes

A Safety Data Sheet is available upon request.



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