



StarSurf™ ES 814HG

Product Description:

StarSurf™ ES 814HG is an anionic surfactant widely used in personal care, HI&I, oil field, textiles, and agriculture applications.

Product Attributes:

- Foamer or foam booster
- Viscosity builder
- Primary or secondary emulsifier

Product Applications

- Personal Care: Shampoos, conditioners, shower gels, baby products, and bubble baths
- HI&I: Surface cleaners, all purpose cleaners, liquid detergents, industrial cleaners
- Oil Field: Drilling additives, foam booster, and emulsifier
- Agriculture: Adjuvant and foam booster
- Textiles: Fabric washing, wet processing, and scouring

Product Information

CAS Number	68891-29-2
Chemical Description	Ammonium C8-10-alkyl polyoxyethylene sulfate

Typical Properties

Appearance	Clear Liquid
Color (Gardner)	Light Yellow max - 4
pH (10% in water)	6.5 to 8.0
% Solids	70% to 72%
Pour Point	-27°C
Freeze Point	-38°C
VOC% US EPA	0%

Other Information

Standard Packaging	440 lb (200 KG) drums / 2200 lb (1000 KG) tote
International Inventories	USA (TSCA), Canada (DSL), Europe (EINICS), Korea (ESL), Japan (ENCS), Australia (AICS), Philippines (PICCS), China (IECSC), and New Zealand (NZIoC)
Biodegradability	<i>StarSurf</i> [™] ES 814HG is biodegradeable
Toxicity	<i>StarSurf</i> [™] ES 814HG is considered non-toxic

Storage Conditions:

StarSurf[™] ES 814HG has a shelf life of at least twelve months from the date of delivery; if stored in original, unopened containers at temperatures not exceeding 40°C. Continued storage beyond the designated shelf life does not necessarily mean the material cannot be used. However, renewed testing of the most important properties is imperative.

 www.StarChemGlobal.com

To request a sample:

starchemcs@star-na.com

1-800-677-3500

StarChem, LLC · 10150 Greenville Highway · Wellford, SC 29385 · Phone: 1-800-677-3500

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written, or by way of production evaluations), including any suggested formulations and recommendations are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by StarChem. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release StarChem from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contain herein is unauthorized and shall not bind StarChem. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any