



***StarSurf*[™] ES 614**

Product Description:

StarSurf[™] ES 614 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	68037-05-8
Chemical Description	Ammonium C6-10-alkyl polyoxyethylene sulfate

Typical Properties

Appearance	Clear Liquid
Color (Gardner)	Light Yellow max - 4
pH (10% in water)	6.5 to 8.0
% Solids	58% to 62%
Pour Point	-15°C
Freeze Point	-18°C
Spec. Gravity	1.035
VOC% US EPA (Ethanol)	10

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 614 is biodegradable
Toxicity	<i>StarSurf</i> [™] ES 614 is considered non-toxic

Storage Conditions:

StarSurf[™] ES 614 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:

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