



StarSurf[™] LMAPOx

Product Description:

StarSurf[™] LMAPOx is a nonionic 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

Formula	C ₂₀ H ₄₀ N ₂ O ₃	0
Tormana	C ₂₂ H ₄₄ N ₂ O ₃	R N N
CAS Numbers	61792-31-2 (Lauryl APOx)	н
CAS Numbers	67806-10-4 (Myristyl APOx)	D. Lourd / Murichal
Chemical Description	Lauryl/myristyl amidopropyl amine oxide	R= Lauryl / Myristyl <i>N,N</i> -Dimethyltetradecan-1-amine oxide <i>N,N</i> -Dimethyldodecan-1-amine oxide

Typical Properties

Appearance	Clear Liquid
Color (Gardner)	Light Yellow - max 3
pH (10% in water)	6.5 to 8.0
% Solids	31 to 33

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 (NZloC)
Biodegradability	<i>StarSurf</i> ™ LMAPOx is biodegradable
Toxicity	<i>StarSurf</i> ™ LMAPOx is considered non-toxic

Storage Conditions:

StarSurf[™] LMAPOx 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

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