



## 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

<b>Formula</b>	C <sub>20</sub> H <sub>40</sub> N <sub>2</sub> O <sub>3</sub> C <sub>22</sub> H <sub>44</sub> N <sub>2</sub> O <sub>3</sub>	 <p>R= Lauryl / Myristyl N,N-Dimethyltetradecan-1-amine oxide N,N-Dimethyldodecan-1-amine oxide</p>
<b>CAS Numbers</b>	61792-31-2 (Lauryl APOx) 67806-10-4 (Myristyl APOx)	
<b>Chemical Description</b>	Lauryl/myristyl amidopropyl 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 (NZIoC)
Biodegradability	StarSurf LMAPOx is biodegradable
Toxicity	StarSurf 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.



To request a sample:

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