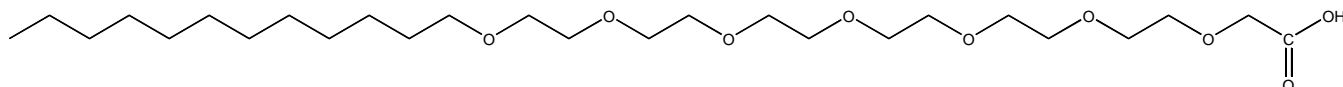


Macat[®] AEC-126



Mild - High Foaming Surfactant Concentrate

Overview

MACAT AEC alcohol ether carboxylates are unique multi-functional surfactants with the common attributes of mildness and hypochlorite stability. MACAT AEC-126 is a 90% active material, shipped as the free acid, for neutralization into a range of products and applications. Performance can be tailored as a function of pH. Under acidic conditions, AEC-126 functions as a nonionic, under alkaline conditions AEC-126 functions as a hard water tolerant anionic.

MACAT AEC-126 is recommended for all applications where mildness, efficient foaming, wetting and detergency is critical, including shampoos, 2 in 1 conditioning shampoos, hand soaps, liquid dish and liquid laundry formulations. Use AEC-126 in high foaming anionic systems for mildness and oil solubilization. Take advantage of the hypochlorite stability of AEC-126 in the formulation of efficient shower and bath cleaners.

MACAT AEC-126 is readily biodegradable, non-VOC and easy to handle.

INCI Name: Laureth-6 Carboxylic Acid

Typical Properties

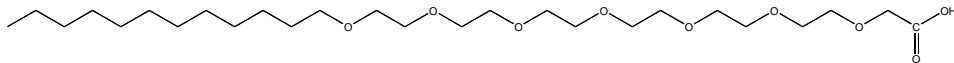
Classification	Lauryl ether carboxylic acid
Charge.....	Anionic/Nonionic
Physical form.....	Clear, pale yellow liquid
Specific gravity (20°C).....	1.01±0.04
Viscosity (20°C).....	~500 cps
pH.....	3.0±1.0
Boiling Point	212°F/100°C
Flash point.....	>212°F/100°C
Shipping	Non-Red Label

Handling Information

Refer to the Material Safety Data Sheet (MSDS) available from Mason Chemical Company for information on the safe use, handling and disposal of this product.

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MACAT AEC-126 is a 90% active alcohol ether carboxylate surfactant, shipped as the free acid, for neutralization into a range of products and applications.

When formulated into Personal Care products, MACAT AEC-126 is a mild, high foaming co-surfactant that imparts detergency with non-tacky skin-feel. The formulation below illustrates this effect.

Mild Degreasing Hand Soap

Ingredients:	Wt. %
Water	87.4
SLES-2, 70%	4.3
Macat AEC-126	3.3
Masamide R-4	1.0
Macat AO-12-2	1.0
Butoxydiglycol	2.0
Enhansys M-100	1.0
Ammonium Hydroxide	to pH 5-6
Dye & Fragrance	q.s.

Notes:

Mix in order listed.
Package into Foam Dispenser for rich, stable foam application.

INCI Ingredient List:
Water, Ammonium Laureth-6 Carboxylate, Sodium Laureth Sulfate, Butoxydiglycol, PEG-4 Rapeseedamide, Glycereth-2 Cocoate, Dihydroxyethyl Cocamine Oxide, Benzoic Acid.