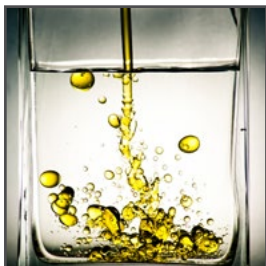


ETHOX CARE® OA-4 PHOS

INCI: OLETH-4 PHOSPHATE

PERFORMANCE BENEFITS

ETHOX CARE® OA-4 PHOS is the ester of oleth-4 and phosphoric acid where oleth-4 is the polyethylene glycol ether of oleyl alcohol with an average of 4 repeating units of ethylene glycol. It is a surfactant, an emulsifier and a solubilizer. It is useful in a wide range of personal care products and cosmetics.



NOI & RSPO

Natural Origin Index (ISO 16128): 0.68

Roundtable on Sustainable Palm Oil (RSPO): Mass Balance Certified



APPLICATIONS

Usage will vary depending upon system. Typical range is 0.5% to 5%.

Creams and lotions • Body Wash • Shampoo • Foundations

TYPICAL PROPERTIES

Appearance @ 25C.....viscous yellow liquid

Color (Gardner).....8 max

Clarity Test.....clear to slight haze

Acid Value pH 5.5.....84-94max mg KOH/g

Acid Value.....135-150mg KOH/g

Moisture.....0.8% max

TECHNICAL CONTACT

864-277-1620

sales@ethox.com

The information contained herein is believed to be correct; however, it should not be construed as a guarantee or as a statement of suitability for use in any application. This information should not be considered as a recommendation to violate any patent.



The American Chemical Company®

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