



Product Focus • Customer Commitment • Performance Flexibility

NAXCHEM[®] N-FOAM 802

Product Data Sheet

ALKYL ETHER PHOSPHATE

Description: Nease Co. LLC offers a growing list of phosphate esters. As an anionic surfactant, one of the main advantages of phosphate esters is their stability and solubility in alkali systems. They can be used as hydrotropes to couple nonionic surfactants into systems in which are not soluble and at the same time increase wetting and detergency properties. The presence of the phosphate group imparts some interactions with metallic surfaces, thereby exhibiting some anti-corrosion and metal-adhesion characteristics. They can be used as additives in oil and water-soluble lubricant systems to improve lubricity, anti-frictional properties to the formula. Phosphate esters also find use as emulsifiers in emulsion polymerization.

CAS #
Mixture

NAXCHEM[®] N-FOAM 802 is an alkyl ether phosphate blend designed to be used in specialized foaming applications and as a curing and foaming agent in resin production. When neutralized, can be used as a cleaning agent.

Typical Properties:

Specific Gravity @ 25°C	1.2
Density (lbs/gal)	10.01
pH	< 1
Flash Point	> 250 °F
Boiling Point, °F	212 °F
Solubility in Water	Soluble

Product Specifications:

Property	Specification
Appearance	Clear, colorless pale yellow liquid
Total Solids, wt %	47.0 – 51.0

Applications:

Industrial Cleaners

Storage and Handling:

Store in cool and well ventilated area. Steel is corroded by sulfonic acid and is not recommended for prolonged storage at elevated temperatures since iron and color contamination could result. Dilution with water may increase the corrosivity of the acid.

Availability:

55 gallon drum

Chemical Control Law Status:

This components of this product are in compliance with the inventory listing requirements of the Chemical Control Laws in the following countries: United States of America, China, Europe and Australia.

Transport Regulations

Shipping Description:	Alkyl sulfonic acids, liquid with not more than 5 percent free sulfuric acid (Benzene sulfonic acid, C ₁₀₋₁₆ alkyl derivs.)		
Hazard Class: 8	ID Number: UN 2586	Packing Group: III	Label: Corrosive

Nease Co. LLC

9774 Windisch Road, West Chester OH 45069
Customer Service 888-762-7373
www.neaseco.com

Limited Warranty

The products sold by Nease Co. LLC ("Seller") shall conform to the Seller's current published specifications. Seller makes no other warranty, express or implied, including warranty of merchantability or fitness for particular use, whether product is used singly or in combination with other substances or in any process. Nothing contained herein should be considered as a recommendation for use of any product or method in violation of any valid patent now effective or which may issue hereafter. Prior testing for fitness for use, and compliance with all applicable statutes by the user is a strict condition on the sale of any and all of Seller's products.