



*Customized Performance \* Innovative Expertise*

**NAXCHEM® N-FOAM 802**

**Product Data Sheet**

## ALKYL ETHER PHOSPHATE

**Description:** NEASE CORPORATION 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<sub>10-16</sub> alkyl derivs.)  
Hazard Class: 8      ID Number: UN 2586      Packing Group: III      Label: Corrosive

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**Limited Warranty**

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