



*Product Focus * Customer Commitment * Performance Flexibility*

NAXONAC® 965

Product Data Sheet

Polyoxyethylene alkyl phenyl ether, Phosphate

Description: NEASE CORPORATION offers a growing list of phosphate esters under the NAXONAC® trade name. 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 systems 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 of the formula. Phosphate esters also find use as emulsifiers in emulsion polymerization.

CAS #
51811-79-1

Naxonac 965 as a surfactant can be used as emulsifier in emulsion polymerization, pesticides and cleaning formulations. It is stable at high temperature, high alkaline and electrolyte systems.

Typical Properties:		
Appearance		Clear to brown liquid, viscous
Specific Gravity @ 25°C		1.10-1.13
Flash Point, (open cup)		> 250 °F
Boiling Point		>200°C
Solubility in Water		Soluble

Product Specifications:	Property	Specification
	Appearance	Clear to brown liquid, viscous
	pH, 1% (aq)	1.0-3.0
	Color (Gardner)	4 Maximum

Applications: Emulsion polymers, pesticides and cleaning formulations

Storage and Handling: Store covered in a dry, well ventilated area. Keep container tightly closed when not in use. Prevent from freezing. Store material above 20°C (68°F).

Availability: 55 gallon drum, 275 gallon tote

Chemical Control Law Status: This product is in compliance with the inventory listing requirements of the Chemical Control Laws in the following countries: United States of America, Canada (DSL), Korea, Japan, New Zealand, Australia, and the Philippines

Transport Regulations

Shipping Description: Corrosive liquid, N.O.S. (contains alkylhydroxy-poly(oxy-1,2-ethanediyl) alpha.-(nonylphenyl)-.omega.-hydroxy-, phosphate)
Hazard Class: 8 ID Number: UN1706 Packing Group: III Label: Corrosive

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Limited Warranty

The products sold by Nease Corporation ("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.