



*Product Focus • Customer Commitment • Performance Flexibility*

**NAXONAC® 965**

**Product Data Sheet**

## **Polyoxyethylene alkyl phenyl ether, Phosphate**

**Description:**

Catexel Nease LLC 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 an 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:**

<b>Property</b>	<b>Specification</b>
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 (NDSL), Europe, Korea, and Japan

**Transport Regulations**

Shipping Description:	DOT Non-Regulated
Hazard Class: NA	ID Number: NA    Packing Group: NA    Label: None

### **Catexel Nease LLC**

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#### Limited Warranty

The products sold by Catexel Nease 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.