

	<i>Product Focus • Customer Commitment • Performance Flexibility</i>	
	NAXONAC® 184	Product Data Sheet
Polyoxyethylene octadecenyl 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.

NAXONAC® 184 is designed to meet your needs as an emulsifier, wetting agents, anti-wear additive, corrosion inhibitor and lubricants in various metalworking fluids.

Typical Properties:

Appearance	viscous, pale yellow liquid
Specific Gravity @ 20°C	1.03
Flash Point, (open cup)	> 212 °F
Pour Point	15°C
Solubility in Water	Dispersible

Product Specifications:

Property	Specification
Appearance	Pale yellow liquid
Water Content, wt. %	2.0 Max
Acid number (1 st infl.)	82.0-92.0
Color (Gardner)	2.8 Max

Applications:

Lubricants, Corrosion inhibitors, detergents, metalworking fluids and wetting agents

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.