



*Product Focus \* Customer Commitment \* Performance Flexibility*

**NAXONAC<sup>®</sup> T50A**

**Product Data Sheet**

## Polyoxyethylene tridecyl ether phosphate, ammonium salt

**Description:** NEASE CO., LLC offers a growing list of phosphate esters under the NAXONAC<sup>®</sup> 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 #**  
69029-43-2

**NAXONAC T50A** is an ammonium salt of our **Naxonac T50**. It is commonly used for acrylic, styrene acrylic and vinyl acrylic latex syntheses. It also exhibits corrosion inhibition, heat and light stability, and clarity for use in films.

| <b>Typical Properties:</b> |  |              |
|----------------------------|--|--------------|
| Appearance                 |  | Clear liquid |
| Specific Gravity @ 25°C    |  | 1.03         |
| Density (lbs/gal)          |  | 8.60         |
| Flash Point, (open cup)    |  | > 200 °F     |
| Solubility in Water        |  | Soluble      |

| <b>Product Specifications:</b> | <b>Property</b> | <b>Specification</b> |
|--------------------------------|-----------------|----------------------|
| Appearance                     |                 | Clear liquid         |
| Color (Gardner)                |                 | 3.6 Maximum          |
| Moisture (% , LOD)             |                 | 64.0-78.0            |
| pH (as is, 25°C)               |                 | 6.7-6.9              |

**Applications:** Acrylic, styrene acrylic, and vinyl acrylic latex; Industrial films

**Storage and Handling:** Keep container tightly closed when not in use. Store in cool and well ventilated area.

**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

**Transport Regulations**

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

**NEASE CO., LLC**

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**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.