



Product Focus • Customer Commitment • Performance Flexibility

Naxonac® HP 1000

Product Data Sheet

HEMA Phosphate

Description: Catexel Nease LLC offers NAXONAC® HP 1000, a specialty reactive monomer phosphate ester. NAXONAC® HP 1000 is specifically designed to meet your needs as an adhesion promoter in acrylic or styrene acrylic systems to metal and other difficult substrates.

CAS #
52628-03-2

Catexel Nease LLC has the capability to manufacturer phosphate esters using phosphorus pentoxide (P₂O₅) and polyphosphoric acid (PPA). Please inquiry with Sales & Marketing if needing a product not currently listed.

NAXONAC® HP 1000 enhances polymer stability and gloss and is used in a variety of coatings applications including industrial maintenance, OEM and high performance structural adhesives. NAXONAC® HP 1000 also provides superior anti-static agent properties when formulated into polyacrylic plastics, epoxy coatings and adhesives, and provides enhanced corrosion protection to specialty paints and coatings for metallic surfaces.

Typical Properties:	Appearance	Yellow liquid
	Specific Gravity @ 25°C	1.1
	Flash Point, (open cup)	> 212 °F
	Solubility in Water	Insoluble

Product

Specifications:	Property	Specification
	Appearance	Yellow liquid
	Water Content, wt. %	1.0 Max
	Acid number (1 st infl.)	196-206
	Acid number (2 nd infl.)	275-290

Applications: Additive for Paints and Coatings, Anti-Static Agent

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 drums, 275 gallon totes, bulk

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), Europe, China, Korea, New Zealand, Japan, and the Philippines.

Transport Regulations

Shipping Description: Corrosive liquid, acidic, organic, n.o.s. (Phosphoric acid ester, Phosphoric Acid)
Hazard Class: 8 ID Number: UN3265 Packing Group: II Label: Corrosive

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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.