



*Product Focus • Customer Commitment • Performance Flexibility*

**NAXAN<sup>®</sup> PLUS 221**

**Product Data Sheet**

**ALKYL NAPHTHALENE SULFONATE, SODIUM SALT (MODIFIED, POWDER)**

**Description:** The NAXAN<sup>®</sup>PLUS anionic surfactants are a series of sodium salts of alkyl naphthalene sulfonic acid. These products provide excellent wetting, dispersing, hydrotroping and medium to low foaming. They offer acid and base stability, hard-water tolerance and high temperature stability. The NAXAF<sup>®</sup> naphthalene sulfonate–formaldehyde condensates are used primarily as dispersants in a wide variety of industrial applications.

**CAS #**  
TRADE SECRET

NAXAN<sup>®</sup>PLUS 221 is a dried version of NAXAN<sup>®</sup>PLUS 220. It exhibits fast wetting and good hydrotroping properties. It has been designed to create less foam when used in various applications, such as rinse aids, automatic machine washing, etc. Whenever reduced foam is necessary in your dry formulation development, NAXAN<sup>®</sup>PLUS 221 is a very good candidate to meet your needs. This series now meets the requirements of OECD Test Method 301B and is classified as “Ultimately Biodegradable” which is important for the protection of aquatic wildlife. This improvement allows formulation of biodegradable products based on the NAXAN<sup>®</sup>PLUS series of surface active hydrotropes. The NAXAN<sup>®</sup>PLUS series is listed on the Cleangredients Chemical listing and meet DfE criteria.

**Product**

**Specifications:**

<b>Property</b>	<b>Specification</b>
Appearance	Tan Powder
Active, %	95.0 minimum
pH (5% aqueous)	7.5 – 10.0
Inorganic Salt, %	3.5 maximum
Moisture, %	2.0 maximum

**Applications:** Industrial Cleaners

**Storage and Handling:** Store covered in a dry, well ventilated area. Keep container tightly closed when not in use.

**Availability:** 50 pound bags

**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), Korea and China.

**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.