



*Product Focus • Customer Commitment • Performance Flexibility*

**NAXAN<sup>®</sup> PLUS UFL**

**Product Data Sheet**

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

**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 UFL exhibits very fast wetting. It is designed to foam the least as compared to any other of the ANS product line. Very low foam is essential in specialized cleaner, such as industrial bottle wash, where foam can be a deterrent to your process. If very low foaming is essential in your formulation development, NAXAN<sup>®</sup>PLUS UFL can solve your problems. 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.

**Typical Properties:**

Specific Gravity @ 25°C	1.20
Density	10.08 lbs/gal
Flash Point, °F (closed cup)	> 200
Boiling Point, °F	Approx. 212 (water)
Solubility in Water	Soluble
Crystallization Temperature	10°C/50°F

**Product**

**Specifications:**

<b>Property</b>	<b>Specification</b>
Appearance	Brown Liquid
Active, %	50.0 minimum
pH (5% aqueous)	7.5 – 10.0
Inorganic salt (%)pH	1.5 maximum

**Applications:**

Rinse Aids, Automatic Dishwash, Industrial Cleaners

**Storage and**

**Handling:**

Store covered in a dry, well ventilated area. Keep container tightly closed when not in use. Prevent from freezing. This product will crystallize at 10°C (50°F) and may precipitate from solution during storage. Store material above 20°C (68°F).

**Availability:**

Bulk, 530 pound drums, 2,500 pound totes

**Chemical Control**

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.

**Law Status:**

**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.