



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

## NAXAF<sup>®</sup> HSP

Product Data Sheet

### ALKYL NAPHTHALENE SULFONATE, SODIUM SALT - Powder

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

**CAS #**  
9084-06-4

NAXAF HSP is a sodium salt of polymeric naphthalene sulfonate condensates. As a powder, it is a convenient alternative to liquids if your process or storage capabilities are not suitable. As a low molecular weight dispersant with moderate levels of sodium sulfate; it is especially useful in dispersions having low solids content. Because of its economy and versatility, it finds use in many industrial applications. NAXAF HSP is readily soluble in water, glycerol, ethylene glycol and diethylene glycol and slightly soluble in most alcohols, but insoluble in most organic solvents. Solubility is not appreciably affected by salts and acids. Used as a major ingredient in different types of Superplasticizer formulations. In concrete, it enhances the flow properties of the mix by dispersing the cement particles and breaking up agglomerates, improving workability of the mix. and acids.

<b>Product Specifications:</b>	<b>Property</b>	<b>Specification</b>
	Appearance	Tan, Free Flowing Powder
	Active, %	92.0 minimum
	Sodium Sulfate, (as is)	10.0 maximum
	pH (5% aqueous)	9.0 – 10.0
	Color (Gardner, 1% aqueous)	3 maximum

**Applications:** Textile Dye Manufacture, Oilfield

**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:** All components of this product are listed or are excluded from listing on the U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

#### **Transport Regulations**

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

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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.