



Product Focus • Customer Commitment • Performance Flexibility

NAXONATE® 4LS

Product Data Sheet

SODIUM XYLENE SULFONATE, 40% - Low Sulfones

Description: Catexel Nease LLC has been a leader in hydrotropes for more than 40 years. NAXONATE® hydrotropes are a proven answer to solubility problems in a wide variety of commercial applications. Optimum hydrotrope selection can result in enhanced system performance. NAXONATE® hydrotrope products generate essentially no foam and no wetting action and have minimal influence on surface tension. What they offer is a cost-effective way to solubilize complex formulas, elevate cloud points and control viscosity.

CAS #
1300-72-7

NAXONATE® 4LS is our standard sodium xylene sulfonate, exhibiting reduced sulfone levels. In formulated systems where clarity is of major concern, especially upon dilution, the lower amount of water insoluble sulfones can be imperative. The lower sulfone content Assists the formulator in achieving clear systems; consistently meeting customer needs. NAXONATE® 4LS is listed on the Cleangredients Chemical listing and meets DfE criteria.

Typical Properties:	Specific Gravity @ 25°C	1.16
	Density	9.75 lbs/gal
	Flash Point, °F	> 250
	Molecular weight	208
	Vapor Pressure	17 mm Hg (water)
	Boiling Point, °C	101
	Solubility in Water	Completely Soluble
	Crystallization Temperature	10°C/50°F

Product

Specifications:

Property	Specification
Appearance	Clear to Lightly Yellow Liquid
Active, %	40.0 minimum
Sodium Sulfate, %	2.0
Color, Klett	50 maximum
pH	7.0 - 9.0
Dilution Test 3:1	Must Pass (Clear Solution)

Applications: Light-Duty Liquid Detergents, Hand Cleaners, Metal Preparation & Working, Textile Dye Manufacturing, Photographic Chemicals & Printing Applications

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).

If material freezes, we suggest heating the material to 100-110°F and agitate the container until material goes back into uniform solution. Material tends to settle when frozen, but overall quality is not impacted.

Availability:

Bulk, 500 pound drums, 2,600 pound totes

Chemical Control

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

Law Status:

Transport Regulations

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

Catexel Nease LLC

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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.

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