



Product Focus • Customer Commitment • Performance Flexibility

NAXSOFT® 98S

Product Data Sheet

DODECYLBENZENE SULFONIC ACID, Linear

Description:

Catexel Nease LLC offers a number of surfactants for a wide range of applications. NAXSOFT® products include alkyl aryl sulfonates and olefin sulfonates. These products are basic in numerous household, industrial and institutional formulations and function as emulsifiers, wetting agents, detergents and dispersants.

CAS #

68584-22-5

NAXSOFT® 98S is a versatile, economical high active linear acid which is biodegradable. As an acid it can be used as a component in acidic products such as aluminum cleaners, liquid bowl cleaners, etc. It is also used as an intermediate, being neutralized with a variety of inorganic bases or organic amines, allowing the formulator to customize the sulfonate to meet the needs of the end product. NAXSOFT® 98S is listed on the Cleangredients Chemical listing and meets DfE criteria.

Typical Properties:

Appearance	Dark Brown, Viscous Liquid
pH	< 2
Specific Gravity @ 25°C	1.3
Density (lbs/gal)	8.82
Flash Point, °F	> 200 (PMCC)
Free oil, %	2.5
Viscosity, at 37.8°C, cSt	478
Boiling Point, °F	> 500
Vapor Pressure	15 mmHg @ 25°C
Solubility in Water	Dispersible

Product

Specifications:

Property	Specification
Active, %	96.0 minimum
Sulfuric Acid, %	1.5 maximum
Water, %	1.0 maximum
Color (5% aqueous, Klett)	50 maximum

Applications:

Heavy-Duty Laundry Detergents, Light-Duty Liquids, Hand Cleaners, Industrial Cleaners, Metal Prep and Working, Polymers and Coatings, Oilfield

Storage and Handling:

Keep container tightly closed when not in use. Store in cool, well ventilated area. Steel is corroded by sulfonic acids and is not recommended for prolonged storage at elevated temperatures since iron and color contamination could result. Dilution with water may increase corrosivity of the acid. Material will absorb moisture. Avoid freezing.

Availability:

Bulk, 450 pound drum, 2,200 pound tote

Chemical Control

All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act

Law Status:

(TSCA) Chemical Substance Inventory.

Transport Regulations

Shipping Description: Aryl sulfonic acids, liquid with not more than 5 percent free sulfuric acid (Benzene sulfonic acid, C₁₀₋₁₆ alkyl derivs.)

Hazard Class: 8 ID Number: UN2586 Packing Group: III Label: Corrosive

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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.