



*Customized Performance * Innovative Expertise*

NAXCAT® XSA-90

Product Data Sheet

XYLENESULFONIC ACID, REFINED

Description: NEASE CORPORATION manufactures a wide range of aromatic sulfonic acids. Aromatic sulfonic acids are made by sulfonating aromatic compounds with sulfuric acid, SO₃, or Oleum. They are comparable in strength to mineral acids such as sulfuric acid, but are especially suitable for organic reactions where an inorganic, mineral acid could cause charring, oxidation, or an unwanted chemical reaction.

CAS #
25321-41-9

Naxcat XSA-90 is a strong concentrated organic acid, completely liquid. For ease of handling as compared with TSA-95. **Naxcat XSA-90** will not crystallize at low temperatures, offering acid strength and fluidity.

Typical Properties:	Appearance	Light Brown Liquid
	pH	< 1
	Specific Gravity @ 25°C	1.3
	Flash Point, °F	> 200
	Molecular weight	186
	Melting Point, °C	< 2
	Water solubility	Soluble (-67g/100ml)
	Vapor Pressure	1.20 x 10 ⁻⁶ mm Hg @ 25°C
	Crystallization range, °C	10 - 15

Product Specifications:	Property	Specification
	Active, %	90.0 min.
	Water Insolubles, %	5.0 max.
	Hydrocarbons, %	3.0 max.
	Water, %	2.0 max.
	Sulfuric Acid, %	4.0 max.

Applications: Hand Cleaners, Industrial Cleaners, Metal Prep. And Working, Textile Dye Manufacture, Polymers and Coatings Catalyst, Oilfield Applications

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.

Availability: Bulk, 550 pound drums

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

Transport Regulations

Shipping Description: Aryl sulfonic acids, liquid with not more than 5 percent free sulfuric acid (Xylenesulfonic acid)
Hazard Class: 8 ID Number: UN2586 Packing Group: III Label: Corrosive

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Limited Warranty

The products sold by Nease Corporation ("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.