



Product Focus • Customer Commitment • Performance Flexibility

NAXCAT[®] MOD ACID

Product Data Sheet

SULFONIC ACID BLEND, TSA/XSA

Description: Nease Co. LLC 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 #
Mixture

Naxcat[®] MOD ACID is a TSA/XSA blend. The blend of acids promotes low freezing temperature for ease of handling while maintaining a high degree of acidity.

Typical Properties:	Appearance	Amber to Brown Liquid
	pH	< 1
	Specific Gravity @ 25°C	1.30
	Flash Point, °F	> 200
	Molecular weight	175
	Ratio of TSA/XSA	2/1
	Crystallization range, °C	0 - 15

Product Specifications:	Property	Specification
	Active, %	92.0
	Hydrocarbons, %	1.5 max.
	Water Insolubles, %	4.0 max.
	Water, %	2.0 max
	Sulfuric Acid, %	2.0 max.

Applications: Industrial cleaners, Textile Dye Manufacture, Polymers & 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, 575 pound drums, 2,750 pound totes

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 (Toluenesulfonic acid, xylenesulfonic acid)
Hazard Class: 8 ID Number: UN2586 Packing Group: III Label: Corrosive

Nease Co. LLC
9774 Windisch Road, West Chester OH 45069
Customer Service 888-762-7373
www.neaseco.com

Limited Warranty

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