



*Customized Performance * Innovative Expertise*

NAXCAT® XSA-65

Product Information Sheet

XYLENESULFONIC ACID

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-65 is a 65% active xylenesulfonic acid with lower viscosity than XSA-90. Lower crystallization temperature makes it more useful in winter months. This acid is useful in applications which can handle the higher sulfuric acid level. If your application can tolerate the higher acid level, Naxcat XSA-65 may be a cost effective alternative to other catalysts.

| | | |
|----------------------------|---------------------------|-----------------------|
| Typical Properties: | Appearance | Amber to Brown Liquid |
| | pH | < 1 |
| | Specific Gravity @ 25°C | 1.2 |
| | Flash Point, F | > 200 |
| | Molecular weight | 186 |
| | Melting Point, °C | 5 - 10 |
| | Solubility in water | Soluble |
| | Crystallization Range, °C | - 15 |

| | | |
|--------------------------------|---------------------|----------------------|
| Product Specifications: | Property | Specification |
| | Active, % | 65.0 min. |
| | Water Insolubles, % | 2.0 max. |
| | Hydrocarbons, % | 3.0 max. |
| | Water, % | 15.0 max. |
| | Sulfuric Acid, % | 23.0 max. |

Applications: 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: Truckload bulk, truckload drum and less than truckload drum.

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 more than 5 percent free sulfuric acid (Xylenesulfonic acid)
Hazard Class: 8 ID Number: UN2584 Packing Group: III Label: Corrosive

NEASE CORPORATION
4480 Lake Forest Dr., Ste. 312, Cincinnati, OH 45242
Customer Service: 888-762-7373

www.neasecorp.com

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 invalid of any 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.