



*Product Focus • Customer Commitment • Performance Flexibility*

**NAXCAT<sup>®</sup> CSA-95**

**Product Data Sheet**

**CUMENESULFONIC ACID, REFINED (o,p,m mixture)**

**Description:** Catexel Nease LLC manufactures a wide range of aromatic sulfonic acids. Aromatic sulfonic acids are made by sulfonating aromatic compounds with sulfuric acid, SO<sub>3</sub>, 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 #**  
37953-05-2

**Naxcat<sup>®</sup> CSA-95** is a concentrated organic acid with excellent solvency, an advantage when working with organic chemicals in acid systems. Finds application as an industrial catalyst, descaling agent, plating aid in electroplating and raw material in the manufacturing of dyes and pigments. Intermediate for the detergent industry. Hydrotrope and coupler.

**Typical Properties:**

Appearance	Amber liquid/paste
pH	< 1
Specific Gravity @ 25°C	1.2
Flash Point, °F	> 200
Molecular weight	200
Water solubility	Soluble (exothermic)
Vapor Pressure	8.25 x 10 <sup>-7</sup> mmHg @ 25°C

**Product Specifications:**

Property	Specification
Active, %	94.0 max.
Water Insolubles, %	2.0 max.
Hydrocarbons, %	2.0 max.
Water, %	2.0 max.
Sulfuric Acid, %	2.0 max.

**Applications:**

Industrial Cleaners, Textile Dye Manufacture, Polymer & Coatings Catalysts, 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, 2,700 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 (Cumenesulfonic acid)  
Hazard Class: 8 ID Number: UN2586 Packing Group: III Label: Corrosive

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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.