



*Customized Performance \* Innovative Expertise*

**NAXCAT® P65D**

**Product Information Sheet**

## PHENOLSULFONIC ACID

**Description:** NEASE CORPORATION 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 #**  
1333-39-7

Naxcat P65D is a phenolsulfonic acid, 65% active in water. It exhibits a low iron content for applications where color degradation may be problematic.

<b>Typical Properties:</b>	Appearance	Red to Brown Liquid
	pH	< 1
	Specific Gravity @ 25°C	1.35
	Flash Point, °F	> 198
	Molecular weight	174.1
	Vapor Pressure	0.357 @ 68°F (phenol)
	Boiling Point, °F	518
	Solubility in water	100% @ 25°C

<b>Product Specifications:</b>	<b>Property</b>	<b>Specification</b>
	Active, %	65.0 – 67.0
	Hydrocarbons, %	1.0 max.
	Sulfuric Acid, %	2.8 max.
	Iron, ppm	50 max.
	Color, Gardner as is	6 max.
	Free Phenol, %	1.0 max.
	Freezing Point (°C)	3 max.

**Applications:** Metal Preparation & Working, Textile Dye Manufacture, Polymers & Coatings Catalyst, Oilfield Application

**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:** This product is in compliance with the inventory listing requirements of the chemical control laws in the following countries: U.S.A., Canada, China, Europe, Australia, Korea, Japan, Philippines.

**Transport Regulations**

Shipping Description: Aryl sulfonic acids, liquid with not more than 5 percent free sulfuric acid (Phenolsulfonic 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 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.