

MSDS**Material Safety Data Sheet**

24 HOUR EMERGENCY
TELEPHONE NUMBER
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1-800-424-9300

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MODIFIED AFB DECOLORIZER MATERIAL SAFETY DATA SHEET

The following information is believed to be correct but is not warranted as such, nor does it purport to be all inclusive.

Product Identification

Product Name: Modified AFB decolorizer
Product Code: ES845, ES846, ES859
Product Description: A dilute aqueous solution of sulfuric acid.

Health	0
Flammability	0
Reactivity	1
Physical Hazard	None

Section 1 - Shipping Data

DOT Shipping Name:* Not applicable
DOT Hazard Class: Not applicable
DOT Identification: Unregulated

Tel. # for information: (610) 524-5810
Emergency Tel. #: (800) 424-9300
Prepared by: P.B.

Section 2 - Hazardous Ingredients / Identity Information

CHEMICAL COMPONENTS	CAS#	%	OSHA PEL	ACGIH TLV
sulfuric acid	7664-93-9	1% v/v	1 mg/m ³ TWA	3 mg/m ³ STEL

Section 3 - Physical / Chemical Characteristics

Boiling Point: 100° C
Vapor Pressure (mm Hg and Temperature): 18 @ 20° C
Vapor Density (AIR=1): 0.6
Appearance and Odor: A clear colorless, odorless solution.

Specific Gravity (H₂O = 1): 1.01
Evaporation Rate (n-butyl alcohol= 1): 1
Solubility in Water: 100%

Section 4 - Fire and Explosion Hazard Data

Flash Point (Method Used): Not applicable
Extinguishing Media: Not applicable
Special Fire Fighting Procedures: Not applicable
Unusual Fire and Explosive Hazards: Pyrolysis will release corrosive oxides of sulfur.

Flammability Limits: Not applicable

Section 5 - Reactivity Data

Stability: Stable
Conditions to Avoid: Heat
Incompatibility (Materials to Avoid): Nothing unusual.
Precautions to be taken in Handling and Storage: Store at room temperature.

Section 6 - Health Hazard Data

Routes of Entry	Inhalation? no	Skin Absorption? no	Ingestion? yes
Carcinogenicity? no	NTP? no	IARC Monographs? no	OSHA Regulated? no

Health Hazards (Acute and Chronic): May be irritating to skin and eyes.

Signs and Symptoms of Exposure: May cause dermatitis.

Medical Conditions Generally Aggravated by Exposure: The manufacturer is unaware of any.

Emergency and First Aid Procedures:

Seek medical assistance for further treatment, observation and support if necessary.

Eye Contact: Flush with water at least 15 minutes and get medical attention if irritation persists.

Skin contact: Remove contaminated clothing and flush with water. Get medical attention if irritation persists.

Ingestion: Do not induce vomiting. Get immediate medical attention even if symptoms improve.

Section 7 - Precautions For Safe Handling and Use

Steps to be Taken In Case of Spill Or Release: Absorb with a suitable absorbent (such as a paper towel) and dispose.

Waste Disposal Methods: May be neutralized with base and flushed down the drain with excess water, however local ordinances vary.. Insure compliance with all government regulations.

Section 8- Control Measures

Respiratory Protection (Specify Type): Not required.

Ventilation: Ordinary general ventilation is usually sufficient.

Protective Gloves: Not required.

Eye Protection: Not required but laboratory safety goggles or similar products are recommended as part of good laboratory practice.

Other Protective Clothing And Equipment: Not required.

Hygienic Work Practices: Wash well after handling, especially before eating and smoking.

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