



MATERIAL SAFETY DATA SHEET

I. PRODUCT AND COMPANY INFORMATION

TRADE NAME: Fybrfluf
CHEMICAL FAMILY: FABRIC SOFTENER

Washing Systems, LLC. (WSI)

5579 Spellmire Dr.
Cincinnati, OH 45246
513-870-4830

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Version: 1

EMERGENCY CONTACT: CHEMTREC (800-424-9300)

II. HAZARDOUS INGREDIENTS

The materials listed in this data sheet are classified as **HAZARDOUS** in accordance with the definition set forth by the Occupational Safety and Health Administration in 29 CFR 1910.1200.

<u>CHEMICAL NAME</u>	<u>COMMON NAME</u>	<u>EXPOSURE LIMIT</u>
Methyl Bis(Tallow Amido Ethyl) 2-Hydroxyethyl Ammonium Methyl Sulfate, Ethoxylated	Quaternary Ammonium Sulfate	UNK

III. PHYSICAL/CHEMICAL CHARACTERISTICS

<u>APPEARANCE & ODOR</u>	<u>VAPOR DENSITY (AIR=1)</u>	<u>BOILING POINT</u>	<u>SOLUBILITY IN WATER</u>
White, Granular Solid, Perfume Odor	N/A	N/A	Disperses
<u>SPECIFIC GRAVITY</u>	<u>EVAPORATION RATE (N-Butyl Acetate=1)</u>	<u>VAPOR PRESSURE (mmHg)</u>	<u>MELTING POINT</u>
0.92	N/A	N/A	N/A

IV. FIRE AND EXPLOSION DATA

<u>FLASHPOINT</u>	<u>FLAMMABLE LIMITS</u>	<u>AUTO IGNITION TEMP</u>
	<u>(lower limit)</u> <u>(upper limit)</u>	
>212°F (PMCC)	UNK 0.125 oz/ft ³	UNK

EXTINGUISHING AGENTS: Dry Chemical, Water, Fog, Regular Foam.

SPECIAL FIRE FIGHTING PROCEDURES: None.

UNUSUAL FIRE AND EXPLOSION HAZARDS: The powder fines of this product may represent a weak dust fire or explosion hazard.

V. REACTIVITY DATA

<u>STABILITY</u>	<u>HAZARDOUS DECOMPOSITION PRODUCTS</u>	<u>MATERIALS TO AVOID</u>	<u>HAZARDOUS POLYMERIZATION</u>
Stable	Heating in air may produce oxides of nitrogen, carbon dioxide and carbon monoxide.	Strong Oxidizers	Will not occur.

VI. HEALTH HAZARD DATA

SKIN: ACUTE Can cause irritation. May cause allergic skin reaction.
 CHRONIC None Known.

EYES: ACUTE Causes eye irritation.
 CHRONIC None Known

INHALATION: ACUTE May cause irritation of respiratory tract.
 CHRONIC None known.

INGESTION: ACUTE Causes irritation of gastric tissue.
 CHRONIC None known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

None are known.

CARCINOGENICITY

OSHA: NO

IARC MONOGRAPHS: NO

NTP: NO

EMERGENCY AND FIRST AID PROCEDURES

SKIN: Immediately flush area with plenty of cool water. If irritation develops, consult a physician.

EYES: Immediately flush thoroughly with cool water under low pressure for at least 15 minutes, holding lids apart to ensure flushing of the entire surface. Call a physician.

INHALATION: Remove from contaminated atmosphere. For throat irritation, drink two glasses of water and call a physician.

INGESTION: Never give anything by mouth to an unconscious person. **DO NOT INDUCE VOMITING.** If conscious, give large quantities of water. If vomiting occurs spontaneously, keep airway clear. Call a physician immediately.

VII. SPILL OR LEAK PROCEDURES

Soak up pooled liquids with a suitable absorbent (e.g., clay, fullers earth, etc.). Sweep up absorbed material and dispose of in a manner approved by local, state, and federal regulations. Flush spill area with water. Contains no phosphates.

SPECIAL PRECAUTIONS

Store in a dry, well-ventilated area away from strong oxidizers.

VIII. CONTROL MEASURES

<u>RESPIRATORY PROTECTION</u>	<u>EYE PROTECTION</u>	<u>PROTECTIVE GLOVES</u>	<u>OTHER PROTECTIVE EQUIPMENT</u>
None	Safety Glasses	Rubber	None
	<u>VENTILATION:</u> <u>Mechanical</u>	<u>Local</u>	<u>Special</u>
	Normal Air Dilution	None	None

N/A = Not Applicable

UNK = Unknown at This Time

TLV = Threshold Limit Value

PMCC = Pensky Martin Closed Cup

FYBRFLUF