

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements

U.S. Department of Labor

Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072

IDENTITY (as Used on Label and List)

Fibersol-T (NDF w/Triethylene)

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Manufacturers /Distributor Address Number Street City State and Zip Code	Emergency Telephone Number
Columbus Chemical Industries, Inc.	CHEMTREC: 1 (800) 424-9300
N4335 Temkin Road	Telephone Number for Information
Columbus, Wisconsin 53925	1 (920) 623-2140
	Date Prepared
	03-02-2006
	Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Sodium Lauryl Sulfate	151-21-3	Not available	Not available	Not available	2-5%
Triethylene Glycol	112-27-6	Not available	Not available	Not available	1-2%
EDTA, disodium salt, dihydrate	6381-92-6	Not available	Not available	Not available	1-2%
Sodium Borate, decahydrate	1303-96-4	Not available	2 mg/m ³ (resp)	5 mg/m ³	<1%
Phosphoric Acid*	7664-38-2	1 mg/m ³ TWA	1 mg/m ³ TWA	3 mg/m ³	<1%
Sodium Hydroxide*	1310-73-2	2 mg/m ³	2 mg/m ³	Not available	<1%

*Subject to the reporting requirements of SARA Title III Section 313.

Section III - Physical/Chemical Characteristics

Boiling Point	Not available	Specific Gravity (H ₂ O = 1)	1.0288
Vapor Pressure (mm Hg)	Not available	Melting Point	Not available
Vapor Density (AIR = 1)	Not available	Evaporation Rate (Butyl Acetate = 1)	Not available

Solubility in Water

Complete in all proportions

Appearance and Odor

Clear, colorless liquid.

Section IV Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
Nonflammable		Not applicable	Not applicable

Extinguishing Media

Suitable to extinguish the supporting flame. Water spray, dry chemical, carbon dioxide, alcohol foam.

Special Fire Fighting Procedures

In the event of a fire, wear full protective clothing and NIOSH/MSHA-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

Unusual Fire and Explosion Hazards

Emits toxic fumes under fire conditions.

Section V Reactivity Data

Stability	Unstable		Conditions to Avoid	Unknown
	Stable	X		

Incompatibility Materials to Avoid

Unknown

Hazardous Decomposition or Byproducts

Sodium, sodium oxide. nitrogen oxides, bromide oxides.

Hazardous Polymerization**Conditions to Avoid**

	May Occur		None
	Will Not Occur	X	

Section VI Health Hazard Data**Routes of Entry****Inhalation ?****Skin ?****Ingestion ?**

	Yes		Yes
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Health Hazards (Acute and Chronic)

SKIN: Causes irritation. EYE: Causes irritation. INHALATION: Causes irritation.

NGESTION: Harmful and Causes irritation.

Carcinogenicity**NTP****IARC Monographs****OSHA REGULATED?**

	Not Listed	Not Listed	Not Listed
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Signs and Symptoms of Exposure.

Irritation to eyes, skin, mucous membranes and upper respiratory tract characterized by itching, swelling, redness

and pain. Gastrointestinal discomfort and possible pain upon ingestion.

Medical Conditions Generally Aggravated by Exposure

Unknown

Emergency and First Aid Procedures

INGESTION: If swallowed, call a physician immediately, DO NOT INDUCE VOMITING. Give

1-2 cups of water, milk or milk of magnesia. EYES: In case of contact, immediately flush with water, for at least

15 minutes. Call physician. INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration.

If breathing is difficult, give oxygen. Call physician. SKIN: Immediately wash skin with soap and large amounts of water.

Section VII Precautions for Safe Handling and Use**Steps to be Taken in Case Material is Released or Spilled**

Evacuate and ventilate area. Wear rubber boots and heavy rubber gloves.

Stop leak if able to do so without risk. Dike spill and absorb on non combustible absorbant. Sweep up and place in container for disposal. Thoroughly wash and ventilate spill area when complete.

Waste Disposal Method Dispose in accordance with all applicable Federal, state and local regulations.

Precautions to be Taken in Handling and Storing

Keep in tightly-closed, plainly-labelled containers. Store in a cool, dry, corrosion-resistant and ventilated area. Protect against physical damage. Store in corrosion resistant containers. Maintain effective ventilation.

Protect exposed tissues. Do not ingest or breathe vapors. Avoid storage below 0 °C (32 °F) and above 50 °C (122 °F).

Other Precautions Do not get in eyes, on clothing. Use with adequate ventilation. Containers, even when empty, will retain residue and vapors. Always obey hazard warnings and handle empty containers as if they were full.

Section VII Control Measures

Respiratory Protection (Specify Type) NIOSH/MSHA-approved respirator if necessary.

Ventilation	Local Exhaust	Recommended.	Special	Eye-wash station nearby.
	Mechanical (General)	Recommended.	Other	Safety shower nearby.

Protective Gloves Rubber gloves.

Eye Protection Safety goggles

Other Protective Clothing or Equipment Lab coat or apron

Work /Hygienic Practices Wash exposed areas thoroughly after handling. Wash contaminated clothing before reuse.

Do NOT wear contact lenses. Do not wear contact lenses when handling this product.

Avoid breathing vapors. Avoid prolonged or repeated exposure.

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