

MATERIAL SAFETY DATA SHEET

FIBER CLEAR

FILE NO.:
MSDS DATE: December 12, 2011

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Fiber Clear
SYNONYMS: None
PRODUCT CODES:

CAS Number: Not Applicable (N/A)

MANUFACTURER: Fiber Clear, Inc.
DIVISION:
ADDRESS: 2129 South Hathaway St., Santa Ana, CA 92705

EMERGENCY PHONE: 800. 594. 5120
CHEMTREC PHONE: N / A
OTHER CALLS:
FAX PHONE: 714. 557.5582

CHEMICAL NAME: Cellulose, Wood Pulp
CHEMICAL FAMILY:
CHEMICAL FORMULA: $(C_6H_{10}O_5)_n$

PRODUCT USE: Swimming pool filtration media
PREPARED BY: MG Dunlop

SECTION 1 NOTES:

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT:
Wood Cellulose Fiber

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
n / a	100%		
	<u>ppm</u>	<u>mg/m³</u>	
OSHA PEL-TWA: OSHA PEL STEL : OSHA PEL CEILING:		15 mg / m ³	
ACGIH TLV-TWA: ACGIH TLV STEL: ACGIH TLV CEILING:		10 mg / m ³ Total Dust	

SECTION 2 NOTES:

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Not expected to be a skin irritant. Inhalation may result in transitory irritation to nose and throat. This is 100% cellulose fiber. There are no hazardous components.

HMIS / NFPA Rating:

Health: 0 Flammability: 0 Reactivity: 0 Personal Protection Index: 1

NFPA / HMIS Definitions: (0 – Least 1 – Slight 2 - Moderate 3 – High 4 – Extreme)

ROUTES OF ENTRY: Inhalation: Yes Eyes: Yes Ingestion: Yes Skin: No

POTENTIAL HEALTH EFFECTS

EYES: Contact may cause transitory irritation.

SKIN: Not expected to be a skin irritant

INGESTION: No harmful effects. This is a food grade product.

INHALATION: Inhalation may cause cough or congestion..

ACUTE HEALTH HAZARDS: Overexposure: Transitory upper respiratory tract irritation.

MATERIAL SAFETY DATA SHEET
FIBER CLEAR

FILE NO.:
MSDS DATE: December 12, 2011

CHRONIC HEALTH HAZARDS: Overexposure: No data available.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Any condition which would be aggravated by coughing or congestion.

CARCINOGENICITY

OSHA: Not Applicable	ACGIH: Not Applicable	NTP: Not Applicable	IARC: Not Applicable	OTHER:
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SECTION 3 NOTES:

SECTION 4: FIRST AID MEASURES

EYES: Flush eyes with large amounts of water if in contact. If irritation persists, seek medical attention.

SKIN: N / A

INGESTION: N / A

INHALATION: Seek fresh air if inhaled. Blow nose to evacuate dust. Drink water to clear throat.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

SECTION 4 NOTES:

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER:
(% BY VOLUME) LOWER: Like Paper UPPER: Like Paper

FLASH POINT: Like Paper

F:

C:

METHOD USED:

AUTOIGNITION TEMPERATURE: N / A

F:

C:

NFPA HAZARD CLASSIFICATION

HEALTH:	FLAMMABILITY:	REACTIVITY:
OTHER:		

HMIS HAZARD CLASSIFICATION

HEALTH:	FLAMMABILITY:	REACTIVITY:
PROTECTION:		

EXTINGUISHING MEDIA: Water, CO₂, ABC

SPECIAL FIRE FIGHTING PROCEDURES: None – treat as ordinary combustible.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Airborne dust may be explosive.

HAZARDOUS DECOMPOSITION PRODUCTS: N / A

SECTION 5 NOTES:

MATERIAL SAFETY DATA SHEET

FIBER CLEAR

SECTION 6: ACCIDENTAL RELEASE MEASURES

FILE NO.:

MSDS DATE: December 12, 2011

ACCIDENTAL RELEASE MEASURES: Steps to be taken if material is released or spilled: Avoid inhalation of dust. If large amounts of dust are generated, collect with vacuum or suppress with water spray and sweep up.

SECTION 6 NOTES:

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Avoid generating airborne dust. Protect from excessive moisture. Maintain good housekeeping practices.

OTHER PRECAUTIONS: Do not store next to vaporizable materials to prevent absorption of off odors.

SECTION 7 NOTES:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

VENTILATION : Local Exhaust, Mechanical (General), Other : As needed to keep dust below PEL

RESPIRATORY PROTECTION: NIOSH / MSHA approved dust respirator, if needed.

EYE PROTECTION: Not normally necessary.

SKIN PROTECTION: Not normally necessary

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None

WORK HYGIENIC PRACTICES: None

EXPOSURE GUIDELINES:

SECTION 8 NOTES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White, fluffy, odorless powder.

ODOR: None

PHYSICAL STATE: Dry powder

pH AS SUPPLIED: 7.1

pH (Other):

BOILING POINT: N / A

F:

C:

MELTING POINT : N / A

F:

C:

FREEZING POINT: N / A

F:

C:

VAPOR PRESSURE (mmHg): N / A

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MATERIAL SAFETY DATA SHEET

FIBER CLEAR

FILE NO.:
MSDS DATE: December 12, 2011

F:
C:
VAPOR DENSITY (AIR = 1): N / A
@

F:
C:
SPECIFIC GRAVITY (H2O = 1): 0.15 – 0.42
@

F:
C:
EVAPORATION RATE: N / A
BASIS (Butyl Acetate=1): N / A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con'd)

SOLUBILITY IN WATER:

PERCENT SOLIDS BY WEIGHT: 99 + %

PERCENT VOLATILE:
BY WT/ BY VOL @

F:
C:
VOLATILE ORGANIC COMPOUNDS (VOC): N / A

WITH WATER: LBS/GAL
WITHOUT WATER: LBS/GAL

MOLECULAR WEIGHT:
VISCOSITY:
@

F:
C:

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

STABLE

UNSTABLE

STABILITY: X

CONDITIONS TO AVOID (STABILITY): None under normal conditions.

INCOMPATIBILITY (MATERIAL TO AVOID): Avoid contact with oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: CO₂, CO, smoke

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): None in designed use.

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Not expected to be a skin irritant under normal use. Contact with eyes may cause transitory irritation.

MATERIAL SAFETY DATA SHEET

FIBER CLEAR
SECTION 11 NOTES:

FILE NO.:
MSDS DATE: December 12, 2011

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No information available.

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in an approved landfill according to federal, state, and local regulations.

RCRA HAZARD CLASS: Wastes are not hazardous as defined by RCRA (40 CFR, part 261)

SECTION 13: DISPOSAL CONSIDERATIONS (con'd)

SECTION 13 NOTES:

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME:
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
LABEL STATEMENT:

WATER TRANSPORTATION

PROPER SHIPPING NAME:
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
LABEL STATEMENTS:

AIR TRANSPORTATION

PROPER SHIPPING NAME:
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
LABEL STATEMENTS:

OTHER AGENCIES:

SECTION 14 NOTES: No information available.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT):

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES:

MATERIAL SAFETY DATA SHEET

FIBER CLEAR

313 REPORTABLE INGREDIENTS:

STATE REGULATIONS:

INTERNATIONAL REGULATIONS:

FILE NO.:
MSDS DATE: December 12, 2011

SECTION 15 NOTES: : Cellulose wood pulp is listed in the Code of Federal Regulations 21 CFR 186.1673 as an indirect food substance which is Generally Regarded As Safe (GRAS).

SECTION 16: OTHER INFORMATION

Prepared By: MG Dunlop

Fiber Clear, Inc.

Date: December 12, 2011

Supercedes Date: January 01, 2006

OTHER INFORMATION : The data in this Material Safety Data Sheet relates only to the specific materials designated herein, It does not relate to use in combination with any other material or in any process.

DISCLAIMER: We believe the statements, technical information, and recommendations above are accurate and are provided in good faith, but are given without warranty or guarantee of any kind.