

---

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

---

**PRODUCT NAME:** LIQUID LOCK FIBER (BULK CAVITY FILLER, INSERTS)  
**PRODUCT CODES:** ALL: MCF1, MCF10, MCF25, MI1258, MI7536

**MANUFACTURER:** ABSORBENT SPECIALTY PRODUCTS, LLC  
**ADDRESS:** 51 ABBOTT STREET #2, CUMBERLAND, RI 02864

**EMERGENCY PHONE:** 401-722-1177  
**CHEMTREC PHONE:**  
**OTHER CALLS:** 401-722-1177  
**FAX PHONE:** 401-722-1160

**CHEMICAL NAME:** SODIUM POLYACRYLATE  
**WHMIS SYMBOLS:** NONE

**PRODUCT USE:** ABSORBS NON-AGGRESSIVE LIQUIDS SUCH AS WATER, BODY FLUIDS, EMBALMING SOLUTIONS, SOLVENTS AND COOLANTS AND TO CONTAIN SMALL SPILLS.  
AVAILABLE IN BAGS & CONTAINED WITHIN A VARIETY OF FABRICS

**PREPARED BY:** CAROL DANCER

---

## SECTION 2: HAZARDS IDENTIFICATION

---



**EMERGENCY OVERVIEW:**  
**ROUTES OF ENTRY:**  
**POTENTIAL HEALTH EFFECTS**

**EYES:** DIRECT EYE CONTACT MAY CAUSE MINOR PHYSICAL OR MECHANICAL IRRITATION.  
**SKIN:** IRRITATION MAY OCCUR AT HIGH CONCENTRATIONS.  
**INGESTION:** NO HAZARD IN NORMAL USE OF PRODUCT  
**INHALATION:** BREATHING EXCESSIVE AIRBORNE DUST MAY CAUSE SYMPTOMS TYPICAL OF NUISANCE DUSTS SUCH AS COUGHING, SNEEZING OR MINOR RESPIRATORY IRRITATION.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** EXISTING RESPIRATORY CONDITIONS.

---

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

---

<u>INGREDIENT:</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>LD<sub>50</sub> of ingredient</u>	<u>LC<sub>50</sub> of ingredient</u>
Outer Material: Polyester	25038-59-9	100			
Inner Material: Sodium Polyacrylate	9003-04-7	8		RAT 40mg/kg: ORAL ACUTE TOXICITY	
Paper Fiber	9004-34-6	91			

---

## SECTION 4: FIRST AID MEASURES

---

**EYES:** IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES  
**SKIN:** REMOVE DUST ABSORBENT POLYACRYLATE FROM SKIN WITH SOAP & WATER  
**INGESTION:** NON-TOXIC BY INGESTION. HOWEVER, IF ADVERSE SYMPTOMS APPEAR, SEEK MEDICAL ATTENTION.  
**INHALATION:** IF INHALED, MOVE TO SOURCE OF FRESH AIR. SEEK MEDICAL ATTENTION IF SYMPTOMS PERSIST.

---

## SECTION 5: FIRE-FIGHTING MEASURES

---

FLAMMABLE LIMITS IN AIR (% BY VOLUME)      UPPER: NE      LOWER: NE  
FLASH POINT:      °F: NONE      °C: NONE  
METHOD USED (oc or cc):  
AUTOIGNITION TEMPERATURE:      °F: NONE      °C: NONE  
NFPA HAZARD CLASSIFICATION  
HEALTH:      1      FLAMMABILITY:      0      REACTIVITY:      0      OTHER:  
HMIS HAZARD CLASSIFICATION  
HEALTH:      FLAMMABILITY:      REACTIVITY:      PROTECTION:  
EXTINGUISHING MEDIA:      UNUSED FORM: STANDARD ABC FIRE EXTINGUISHER. USED FORM: THAT WHICH IS  
COMPATIBLE TO LIQUID(S) ABSORBED.  
SPECIAL FIRE FIGHTING PROCEDURES:      A SELF-CONTAINED BREATHING APPARATUS SHOULD BE WORN.  
UNUSUAL FIRE AND EXPLOSION HAZARDS:      MAY ENHANCE FLAMMABILITY OF PETROLEUM BASED PRODUCTS IN OPEN  
FLAME. LIQUIDLOCK FIBER DOES NOT RENDER LIQUIDS NONFLAMMABLE,  
NEUTRAL OR LESS HAZARDOUS. CAUTION- ABSORBS WATER, SLIPPERY WHEN  
WET.  
HAZARDOUS COMBUSTION PRODUCTS:      CARBON MONOXIDE, CARBON DIOXIDE

---

## SECTION 6: ACCIDENTAL RELEASE MEASURES

---

ACCIDENTAL RELEASE MEASURES:  
CONTAINMENT: SWEEP OR VACUUM MATERIAL WHEN POSSIBLE & SHOVEL INTO A WASTE CONTAINER.  
CLEAN UP: USE CAUTION AFTER CONTACT WITH WATER, AS EXTREMELY SLIPPERY CONDITIONS WILL RESULT.  
RESIDUALS MAY BE FLUSHED WITH WATER INTO THE DRAIN FOR NORMAL WASTEWATER TREATMENT. THIS  
IS A NON-HAZARDOUS WASTE SUITABLE FOR DISPOSAL IN AN APPROVED SOLID WASTE LANDFILL.  
EVACUATION: NONE REQUIRED  
SPECIAL: AVOID RESPIRABLE DUST INHALATION DURING CLEAN-UP. WEAR APPROPRIATE RESPIRATOR.

---

## SECTION 7: HANDLING AND STORAGE

---

HANDLING AND STORAGE: STORE IN A DRY CLOSED CONTAINER. HANDLE AS AN EYE AND RESPIRATORY TRACT IRRITANT.

---

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

---

ENGINEERING CONTROLS: THIS PRODUCT IS NOT REGULATED AS A HAZARDOUS MATERIAL. HOWEVER, THE  
MANUFACTURER RECOGNIZES THE POTENTIAL FOR RESPIRATORY TRACT IRRITATION AND  
RECOMMENDS AN 8 HOUR EXPOSURE LIMIT OF 0.5mg/m<sup>3</sup>

VENTILATION : PROVIDE LOCAL EXHAUST VENTILATION TO MAINTAIN WORKER EXPOSURE TO LESS THAN  
0.5mg/m<sup>3</sup> OVER AN 8 HOUR PERIOD.

RESPIRATORY PROTECTION: WEAR RESPIRATORY WITH A HIGH EFFICIENCY FILTER IF PARTICULATE  
CONCENTRATIONS IN THE WORK AREA EXCEED 0.05mg/m<sup>3</sup> OVER AN 8 HOUR PERIOD.

EYE PROTECTION: WEAR SAFETY GLASSES WITH SIDE SHIELDS OR GOGGLES

SKIN PROTECTION: NOT NORMALLY REQUIRED. HOWEVER, WHEN HANDLING BULK, USE OF CLOTH, CANVAS  
OR LEATHER GLOVES IS A GOOD INDUSTRIAL PRACTICE.

WORK HYGIENIC PRACTICES:

EXPOSURE GUIDELINES: OBEY REASONABLE SAFETY PRECAUTIONS & PRACTICE GOOD HOUSEKEEPING WASH  
THOROUGHLY AFTER HANDLING.

---

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

---

APPEARANCE: WHITE GRANULES IN A WHITE FLUFF  
ODOR: NO ODOR  
PHYSICAL STATE: SOLID  
pH: 5.5-6.5 (1% IN WATER)  
BOILING POINT: NE  
MELTING POINT: >390°F  
FREEZING POINT:  
VAPOR PRESSURE (mmHg): <10 mmHg  
VAPOR DENSITY (AIR = 1): NE  
SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 0.4 – 07 g/ml  
EVAPORATION RATE: <1.0  
SOLUBILITY IN WATER: NOT SOLUBLE

---

## SECTION 10: STABILITY AND REACTIVITY

---

	<u>STABLE</u>	<u>UNSTABLE</u>
STABILITY:	YES	
CONDITIONS TO AVOID (STABILITY):		
INCOMPATIBILITY (MATERIAL TO AVOID):		AVOID CONTACT WITH STRONG BASES SUCH AS SODIUM, POTASSIUM HYDROXIDES
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	NONE KNOWN	
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR	
CONDITIONS TO AVOID:		AVOID OPEN FLAMES AND SPARKS

---

## SECTION 11: TOXICOLOGICAL INFORMATION

---

TOXICOLOGICAL INFORMATION: ACUTE INHALATION OF RESPIRABLE DUST MAY CAUSE IRRITATION OF THE UPPER RESPIRATORY TRACT AND LUNGS.  
ACUTE TOXICITY – LD50/LC50 NOT ESTABLISHED FOR MIXTURE

---

## SECTION 12: ECOLOGICAL INFORMATION

---

ECOLOGICAL INFORMATION: COMPOSTED POLYACRYLATE ABSORBENTS ARE NON-TOXIC TO AQUATIC OR TERRESTRIAL ORGANISMS AT PREDICTED EXPOSURE LEVELS FROM CURRENT APPLICATION RATES.

### SECTION 12 NOTES:

POLYACRYLATE ABSORBENTS ARE RELATIVELY INERT & ANAEROBIC CONDITIONS. THEY ARE IMMOBILE IN LANDFILLS & SOIL SYSTEMS (GREATER THAN 90% RETENTION), WITH THE MOBILE INTERACTION SHOWING BIODEGRADIBILITY. THEY ARE ALSO COMPATIBLE WITH INCINERATION OF MUNICIPAL SOLID WASTE. INCIDENTAL DOWN-THE-DRAIN-DISPOSAL OF SMALL QUANTITIES OF POLYACRYLIC ABSORBENTS WILL NOT EFFECT THE PERFORMANCE OF WASTEWATER TREATMENT SYSTEMS.

---

## SECTION 13: DISPOSAL CONSIDERATIONS

---

WASTE DISPOSAL METHOD: THIS PRODUCT IS NON-HAZARDOUS WASTE MATERIAL SUITABLE FOR APPROVED SOLID WASTE LANDFILLS. NO EPA WASTE NUMBERS ARE APPLICABLE FOR THIS PRODUCT. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATIONS.

RCRA HAZARD CLASS: NONE

---

## SECTION 14: TRANSPORT INFORMATION

---

THIS PRODUCT IS NOT TRANSPORT REGULATED.

---

**SECTION 15: REGULATORY INFORMATION**

---

U.S. FEDERAL REGULATIONS: NO COMPONENTS ARE LISTED IN THE WHMIS IDL  
TSCA (TOXIC SUBSTANCE CONTROL ACT):  
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):  
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):  
311/312 HAZARD CATEGORIES:  
313 REPORTABLE INGREDIENTS:  
STATE REGULATIONS:  
INTERNATIONAL REGULATIONS:

**SECTION 15 NOTES:**

THIS PRODUCT IS NOT STATE OR FEDERALLY REGULATED AS A HAZARDOUS MATERIAL. CFR REFERENCES FOR THE FDA REGULATED COMPONENTS IN THIS PRODUCT ARE LISTED.  
SODIUM POLYACRYLATE (9003-04-7)  
DIRECT FOOD ADDITIVE: 173.73, 173.310  
INDIRECT FOOD ADDITIVESL: 175.105

---

**SECTION 16: OTHER INFORMATION**

---

OTHER INFORMATION:  
PREPARATION INFORMATION:  
DISCLAIMER: THE INFORMATION HEREIN IS PESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE AS OF THE EFFECTIVE DATE GIVEN. HOWEVER, NO WARRANTY, EXPRESSED OR IMPLIED, IS GIVEN. IT IS THE BUYER'S RESPONSIBILITY TO ENSURE THAT ITS ACTIVITIES COMPLY WITH FEDERAL, STATE OR LOCAL LAWS.