

# MATERIAL SAFETY DATA SHEET

BloodSTOP hemostat gauze  
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FILE NO.: A(03)8.2.4.140(ZB)2005

MSDS DATE: 06/23/2005

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: BloodSTOP hemostatic gauze, BloodSTOP iX hemostatic gauze  
SYNONYMS:  
PRODUCT CODES: BS-10; BS-11; BS-12; BS-13; BS-IX14; BS-IX15; BS-IX16; BS-IX17, BS-MP-18  
  
MANUFACTURER: LifeScience PLUS, Inc.  
DIVISION:  
ADDRESS: 473 Sapena Court, Suite # 7, Santa Clara, CA 95054  
  
EMERGENCY PHONE: 877-587-5433  
CHEMTREC PHONE: N/A  
OTHER CALLS: 650-565-8172  
FAX PHONE: 440-445-2752  
  
CHEMICAL NAME: Nature etherized Cellulose  
CHEMICAL FAMILY: Nature etherized Cellulose  
CHEMICAL FORMULA: OH CH<sub>2</sub>COOH OH COOH OH OH  
  
PRODUCT USE: Woundcare Bleeding Control  
PREPARED BY: Vicky Feng

### SECTION 1 NOTES:

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## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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INGREDIENT: Nature S

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
	<u>ppm</u>	<u>mg/m3</u>	
OSHA PEL-TWA:	N/A	N/A	
OSHA PEL STEL :	N/A	N/A	
OSHA PEL CEILING:	N/A	N/A	
ACGIH TLV-TWA:	N/A	N/A	
ACGIH TLV STEL:	N/A	N/A	
ACGIH TLV CEILING:	N/A	N/A	

### SECTION 2 NOTES:

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## SECTION 3: HAZARDS IDENTIFICATION

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### EMERGENCY OVERVIEW:

ROUTES OF ENTRY: Biogradable

### POTENTIAL HEALTH EFFECTS

EYES: Rinse off with fresh water . Dissolves in water

SKIN: Rinse off with fresh water. Dissolves in water

INGESTION: Take large amount of water in mouth. It dissolves in water and let gel like flow out.

INHALATION: Not applicable

ACUTE HEALTH HAZARDS: No data

CHRONIC HEALTH HAZARDS: No data

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: No data

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## CARCINOGENICITY

OSHA: No data  
OTHER:

ACGIH: No data

NTP: No data

IARC: No data

## SECTION 3 NOTES:

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## SECTION 4: FIRST AID MEASURES

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**EYES:** Rinse off by water. It dissolves in water

**SKIN:** Rinse off with fresh water . Dissolves in water

**INGESTION:** Take large amount of water in mouth. It dissolves in water and let gel like flow out.

**INHALATION:** Not applicable

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** Do not use this products on infected wound . Keep moisture on external wound, and rinse off by water after bleeds stop.

## SECTION 4 NOTES:

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## SECTION 5: FIRE-FIGHTING MEASURES

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

**FLASH POINT:** No data

**F:**

**C:**

**METHOD USED:** No data

**AUTOIGNITION TEMPERATURE:** No data

**F:**

**C:**

**NFPA HAZARD CLASSIFICATION:** No data

**HEALTH:**

**FLAMMABILITY:**

**REACTIVITY:**

**OTHER:**

**HMIS HAZARD CLASSIFICATION:** No data

**HEALTH:**

**FLAMMABILITY:**

**REACTIVITY:**

**PROTECTION:**

**EXTINGUISHING MEDIA:** Remove te source of fire as in the case of general fire, and extinguish the fire with water or a fire extinguisher.

**SPECIAL FIRE FIGHTING PROCEDURES:** Water, foam or CO2 gas fire extinguisher

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** No applicable

**HAZARDOUS DECOMPOSITION PRODUCTS:** No applicable

## SECTION 5 NOTES:

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**ACCIDENTAL RELEASE MEASURES:**

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SECTION 6 NOTES:

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## SECTION 7: HANDLING AND STORAGE

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HANDLING AND STORAGE: Room temperation

OTHER PRECAUTIONS: Avoid moisture

SECTION 7 NOTES:

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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ENGINEERING CONTROLS:

VENTILATION : No data

RESPIRATORY PROTECTION: No data

EYE PROTECTION: Rinse off by water

SKIN PROTECTION: Rinse off by water

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: No applicable

WORK HYGIENIC PRACTICES: No data

EXPOSURE GUIDELINES: None

SECTION 8 NOTES:

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE: White fabric

ODOR: Odorless

PHYSICAL STATE:

pH AS SUPPLIED: 6-8

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

@

F:

C:

VAPOR DENSITY (AIR = 1): N/A

@

F:

C:

SPECIFIC GRAVITY (H2O = 1): 1.2-1.4

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F:

C:

EVAPORATION RATE: N/A

BASIS (=1):

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

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SOLUBILITY IN WATER: Transparent to half transparent gel

PERCENT SOLIDS BY WEIGHT: 16.8%

PERCENT VOLATILE: N/A

BY WT/ BY VOL @

F:

C:

VOLATILE ORGANIC COMPOUNDS (VOC): N/A

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

MOLECULAR WEIGHT: N/A

VISCOSITY:

@

F:

C:

SECTION 9 NOTES:

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## SECTION 10: STABILITY AND REACTIVITY

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### STABLE

### UNSTABLE

STABILITY: Stable on ordinary use

No data

CONDITIONS TO AVOID (STABILITY): None

INCOMPATIBILITY (MATERIAL TO AVOID): None

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: N/A

HAZARDOUS POLYMERIZATION: N/A

CONDITIONS TO AVOID (POLYMERIZATION): N/A

SECTION 10 NOTES:

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## SECTION 11: TOXICOLOGICAL INFORMATION

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TOXICOLOGICAL INFORMATION: No data

SECTION 11 NOTES:

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## SECTION 12: ECOLOGICAL INFORMATION

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ECOLOGICAL INFORMATION: No data

SECTION 12 NOTES:

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## SECTION 13: DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL METHOD: It turns into gel.

RCRA HAZARD CLASS:

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## SECTION 13: DISPOSAL CONSIDERATIONS (con't)

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SECTION 13 NOTES: Wash out by water after use

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## SECTION 14: TRANSPORT INFORMATION

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### U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: N/A

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENT:

### WATER TRANSPORTATION

PROPER SHIPPING NAME: N/A

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS:

### AIR TRANSPORTATION N/A

PROPER SHIPPING NAME:

HAZARD CLASS:

ID NUMBER: CNBEIBL15BEI

PACKING GROUP: 3005.10.1000

LABEL STATEMENTS: BloodSTOP gauze

OTHER AGENCIES:

SECTION 14 NOTES:

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## SECTION 15: REGULATORY INFORMATION

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### U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): N/A

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): N/A

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): N/A

311/312 HAZARD CATEGORIES: N/A

313 REPORTABLE INGREDIENTS: N/A

STATE REGULATIONS: N/A

INTERNATIONAL REGULATIONS: N/A

SECTION 15 NOTES:

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SECTION 16: OTHER INFORMATION

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**PREPARATION INFORMATION:** No data

**DISCLAIMER:** No data