

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

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BloodSTOP hemostatic gauze, BloodSTOP iX hemostatic gauze
SYNOMYS:
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
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CHEMICAL NAME: Nature etherized Cellulose
CHEMICAL FAMILY: Nature etherized Cellulose
CHEMICAL FORMULA: OH CH₂COOH OH COOH OH OH

PRODUCT USE: Woundcare Bleeding Control
PREPARED BY: Vicky Feng

SECTION 1 NOTES:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: Nature S

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
OSHA PEL-TWA:	ppm N/A	mg/m ³ 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:

SECTION 3: HAZARDS IDENTIFICATION

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:

SECTION 4: FIRST AID MEASURES

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:

SECTION 5: FIRE-FIGHTING MEASURES

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:

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

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SECTION 6 NOTES:

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SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Room temperation

OTHER PRECAUTIONS: Avoid moisture

SECTION 7 NOTES:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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)

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

VISCOOSITY:

@

F:

C:

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

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:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: No data

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No data

SECTION 12 NOTES:

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SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: It turns into gel.

RCRA HAZARD CLASS:

SECTION 13: DISPOSAL CONSIDERATIONS (con't)

SECTION 13 NOTES: Wash out by water after use

SECTION 14: TRANSPORT INFORMATION

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: CNBEIBLI15BEI

PACKING GROUP: 3005.10.1000

LABEL STATEMENTS: BloodSTOP gauze

OTHER AGENCIES:

SECTION 14 NOTES:

SECTION 15: REGULATORY INFORMATION

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