

BECTON DICKINSON Becton Dickinson and Company		Material Safety Data Sheet Catalogue Number(s): 301025,301026,301027,301028,301029,301030,301031,301032,301033,301034,301035,301036,301037,301112,301603,301604,301625,301626,301627,305207,305208,305209,305210,305217,305218,305219,305220,305462,305482,305500,305520,305528,305529,305535,305536,305537,305538,305539,305540,305541,305542,305591,305592,305593,305595,305600,305605,305617,305618,305620,309484,309540,309541,309542,309543,309569,309570,309571,309572,309573,309574,309575,309576,309577,309578,309579,309580,309581,309582,309584,309585,309586,309587,309588,309589,309591,309597,309598,309599,309602,309603,309604,309605,309621,309623,309624,309625,309626,309630,309631,309632,309633,309634,309635,309638,309639,309640,309641,309642,309643,309644,309645,309660,309661,309662,309663,309664,309669,309670,309671,309680,309694,309695,309698,309699,329410,329411,329412,329420,329424,329430,329431,329461,329465,329466,329485,329622,329650,329651,329652,329653	
SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION			
Product Name:		B-D Brand Single-Use Syringes	
Chemical Family:		N/A	
Chemical Formula:		N/A	
Manufacturer:		Division:	Becton Dickinson Division
MSDS Number(s):		Address:	
City:		State:	Zip Code:
Franklin Lakes		New Jersey	07417-1884
Emergency Phone:		Day: 201-847-4267; After hours: 201-847-6431 Chemtrec: 800-424-9300	
Other Calls:		MSDS Prepared By:	
201-847-4000, 800-333-4813		Case Consulting Laboratories, Inc.	
Effective Date:		November 5, 1996; Supersedes: July 25, 1989	
SECTION 2 - COMPOSITION INFORMATION INGREDIENTS			
Ingredient Name		CAS Number	Percent
Common Name			Wgt Vol
			Hazardous
There are no hazardous components per 29 CFR § 1910.1200.			
OSHA PEL Exposure Limits		ACGIH TLV Exposure Limits	
TWA:		TWA:	
STEL:		STEL:	
CEIL:		CEIL:	
SECTION 3 - HAZARDS IDENTIFICATION			
Emergency Overview:			
Relevant Route(s) of Exposure:			
Signs and Symptoms of Exposure:			
Chronic Effects:			

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SECTION 3 - HAZARDS IDENTIFICATION (CONT.)

Medical Conditions Generally Known to be Aggravated by Exposure to the Material:

Potential Health Effects:

Eyes:

Skin:

Ingestion:

Inhalation:

SARA Hazards:

Acute:

Chronic:

Reactive:

Fire:

Pressure:

Carcinogenicity:

NTP:

IRAC:

OSHA:

ACGIH:

Other:

SECTION 4 - FIRST AID MEASURES

Eyes:

Skin:

Ingestion:

Inhalation:

Antidotes:

Notes to Physicians:

SECTION 5 - FIRE FIGHTING PROCEDURES

NFPA Codes:

Health: 0

Flammability: 0

Reactivity: 0

Other:

Flammable Limits in Air:

Upper Limit:

Lower Limit:

Flash Point Value: NA

Method Used:

Auto-Ignition Value: N/A

Extinguishing Media: Use extinguishing media that are appropriate for surrounding fire.

Fire Fighting Instructions: Use standard fire fighting procedures including the use of self-contained breathing apparatus, for fires involving plastic.

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SECTION 5 - FIRE FIGHTING PROCEDURES (CONT.)

Unusual Fire and Explosion Hazards: No fire or explosion hazards are associated with these products.

Flammability Classification:

Propagation or Burning Rate of Solid Materials:

Known or Anticipated Hazardous Products of Combustion:

Properties of Both Flammable and Nonflammable Material that may Initiate or Uniquely Contribute to the Intensity of a Fire:

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: N/A

SECTION 7 - HANDLING AND STORAGE

Handling and Storage: Store in a secured area away from temperature extremes. Follow manufacturer's package insert.

Precautionary Label Statements:

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Engineering Controls:

Ventilation Needs:

Personal Protective Equipment

Eye/Face Protection:

Skin Protection:

Respiratory Protection:

Other Protective Clothing or Equipment:

Exposure Guidelines:

Work Hygienic Practices: Standard hygienic practices are needed to use this product safely.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not determined

Melting Point: Not determined

Freezing Point:

Physical State:

Viscosity @ ??°C:

Molecular Weight:

pH:

Concentration:

Weight per Gallon:

Evaporation Rate (?????=1):

Vapor Pressure @ ??°C: N/A

Vapor Density (air=1):

Specific Gravity or Density: Not determined

Percent Volatile by Volume:

Theoretical VOC Content % by Wt.:

Solubility in Water: Insoluble

Reactivity in Water:

Appearance: Polypropylene syringes and plungers with stainless steel needles.

Odor:

SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid:

Incompatibility with Other Materials: None known

Hazardous Decomposition Products: Carbon dioxide and carbon monoxide may form when subjected to extreme heat.

Hazardous Polymerization: Will not occur.

Conditions to Avoid (Polymerization):

SECTION 11 - TOXICOLOGICAL INFORMATION

LD50 Value

Unit

LD50 Animal

Routes

LD50 Component

LD50 Value

Unit

LC50 Animal

Routes

LC50 Component

Toxicological Information: No adverse health effects are known or anticipated from contact with these products.

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SECTION 12 - ECOLOGICAL INFORMATION

Ecological Information:

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Considerations: Contaminated syringes must be disposed of according to the nature of the contaminate. Check current local, state and federal regulations for proper disposal methods.

SECTION 14 - TRANSPORTATION INFORMATION

Transportation and Hazardous Materials Description:

Proper Shipping Name:

DOT Label Information:

Hazard Class:

DOT ID Number:

Packing Group:

SECTION 15 - REGULATORY INFORMATION

U.S. Federal Regulations:

State Regulations:

International Regulations:

SECTION 16 - OTHER INFORMATION

Other Information:

Definitions: N/A=Not Applicable U/K=Unknown

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