

**BD HC #09**

**CATALOG NUMBER**

**ITEM NUMBER**

305535	178030
305538	132238
305537	188450
305538	000451
305539	000452
305540	000192
305541	094598
305542	188454

BD

NC# 9

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**BECTON  
DICKINSON**

## 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,  
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329412, 329420, 329424, 329430, 329431, 329461, 329465, 329466, 329485,  
329622, 329650, 329651, 329652, 329653

Becton Dickinson and Company

### SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b>	B-D Brand Single-Use Syringes		
<b>Chemical Family:</b>	N/A		
<b>Chemical Formula:</b>	N/A		
<b>Manufacturer:</b>	Becton Dickinson and Company	<b>Division:</b>	Becton Dickinson Division
<b>MSDS Number(s):</b>		<b>Address:</b>	1 Becton Drive
<b>City:</b>	Franklin Lakes	<b>State:</b>	New Jersey
		<b>Zip Code:</b>	07417-1884
<b>Emergency Phone:</b>	Day: 201-847-4267;	After hours: 201-847-6431	Chemtrec: 800-424-9300
<b>Other Calls:</b>	201-847-4000, 800-333-4813	<b>MSDS Prepared By:</b>	Case Consulting Laboratories, Inc.
<b>Effective Date:</b>	November 5, 1996; Supersedes: July 25, 1989		

### SECTION 2 - COMPOSITION INFORMATION INGREDIENTS

<u>Ingredient Name</u> <u>Common Name</u>	<u>CAS Number</u>	<u>Percent</u>	<u>Wgt Vol</u>	<u>Hazardous</u>
There are no hazardous components per 29 CFR § 1910.1200.				
<u>OSHA PEL Exposure Limits</u>		<u>ACGIH TLV Exposure Limits</u>		
<u>TWA:</u>		<u>TWA:</u>		
<u>STEL:</u>		<u>STEL:</u>		
<u>CEIL:</u>		<u>CEIL:</u>		

### SECTION 3 - HAZARDS IDENTIFICATION

**Emergency Overview:**  
**Relevant Route(s) of Exposure:**  
**Signs and Symptoms of Exposure:**  
**Chronic Effects:**

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329412,329420,329424,329430,329431,329461,329465,329466,329485,  
329622,329650,329651,329652,329653

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 (??°C=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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 329622,329650,329651,329652,329653

**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

To the best of our knowledge, the information contained herein is accurate. However, neither Becton Dickinson and Company nor any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.