

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,
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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: Becton Dickinson and Company

Division: Becton Dickinson Division

MSDS Number(s):

Address: 1 Becton Drive

City: Franklin Lakes

State: New Jersey

Zip Code: 07417-1884

Emergency Phone: Day: 201-847-4267;

After hours: 201-847-6431 Chemtrec: 800-424-9300

Other Calls: 201-847-4000, 800-333-4813

MSDS Prepared By: Case Consulting Laboratories, Inc.

Effective Date: November 5, 1996; Supersedes: July 25, 1989

SECTION 2 - COMPOSITION INFORMATION INGREDIENTS

Ingredient Name
Common Name

CAS Number

Percent

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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20,329424,329430,329431,329461,329465,329466,329485,329622,32965
0,329651,329652,329653

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 (?????=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

<u>LD50 Value</u>	<u>Unit</u>	<u>LD50 Animal</u>	<u>Routes</u>	<u>LD50 Component</u>

<u>LD50 Value</u>	<u>Unit</u>	<u>LC50 Animal</u>	<u>Routes</u>	<u>LC50 Component</u>

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

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.