



Becton, Dickinson and
Company
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07417 USA
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SAFETY DATA SHEET

1. Identification

Product identifier

Product No.:	Product name:	Common name(s), synonym(s)
366480	BD Vacutainer® Sodium Heparin Tubes	

Other means of identification

SDS number: 088100181021

Recommended use and restriction on use

Recommended use: Scientific and industrial laboratory use. For In Vitro Diagnostic Use.

Restrictions on use: For External Use Only

Manufacturer/Importer/Supplier/Distributor Information

Manufacturer

Company Name: BD Diagnostics, Preanalytical Systems
Address: 1 Becton Drive
07417 Franklin Lakes, NJ USA
Telephone: 1 800 631 0174
Fax: 1 201 847 4866
Contact Person: Technical Services
E-mail: pas_tech_services@bd.com

Emergency telephone number: ChemTrec 1 800 424 9300

2. Hazard(s) identification

Hazard Classification

Not classified

Label Elements

Hazard Symbol: No symbol

Signal Word: No signal word.

Hazard Statement: Not applicable

Precautionary Statements Not applicable

Other hazards which do not result in GHS classification: None.

3. Composition/information on ingredients



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Mixtures

Composition Comments: The components are not hazardous or are below required disclosure limits.

4. First-aid measures

General information: No recommendation given, but first aid may still be required in case of accidental exposure of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

Ingestion: Rinse mouth thoroughly. Get medical attention if symptoms occur. Not likely, due to the form of the product.

Inhalation: Move into fresh air and keep at rest. Get medical attention if symptoms occur. Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Skin Contact: Wash skin with soap and water. Due to the small packaging the risk of skin contact is minimal.

Eye contact: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor. Due to the small packaging the risk of eye contact is minimal.

Most important symptoms/effects, acute and delayed

Symptoms: No data available.

Indication of immediate medical attention and special treatment needed

Treatment: Get medical attention if symptoms occur.

5. Fire-fighting measures

General Fire Hazards: No unusual fire or explosion hazards noted.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Water spray, fog, CO2, dry chemical, or alcohol resistant foam.

Unsuitable extinguishing media: None known.

Specific hazards arising from the chemical: None known.

Special protective equipment and precautions for firefighters



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Special fire fighting procedures: No unusual fire or explosion hazards noted.

Special protective equipment for fire-fighters: No specific precautions.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: No special precautionary health measures should be needed under anticipated conditions of use. Non-hazardous substance.

Methods and material for containment and cleaning up: Sweep or scoop up and remove. No specific clean-up procedure noted.

Environmental Precautions: Do not release into the environment.

7. Handling and storage

Precautions for safe handling: Wear appropriate personal protective equipment. Low hazard for recommended handling by trained personnel.

Conditions for safe storage, including any incompatibilities: Keep containers tightly closed. Keep the container in a safe place. Keep in a cool, well-ventilated place.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

None of the components have assigned exposure limits.

Appropriate Engineering Controls

Observe good industrial hygiene practices. Low hazard for recommended handling by trained personnel.

Individual protection measures, such as personal protective equipment

General information: No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

Eye/face protection: Avoid contact with eyes and prolonged skin contact. Protective gloves and goggles must be used if there is a risk of direct contact or splash.

Skin Protection

Hand Protection: Use suitable protective gloves if risk of skin contact.

Other: No data available.



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Respiratory Protection: Not relevant, due to the form of the product.

Hygiene measures: Observe good industrial hygiene practices.

9. Physical and chemical properties

Appearance

Physical state: solid

Form: Powder

Color: White

Odor: Odorless

Odor threshold: No data available.

pH: No data available.

Melting point/freezing point: The physical-chemical properties of this material have not been fully investigated.

Initial boiling point and boiling range: The physical-chemical properties of this material have not been fully investigated.

Flash Point: Not applicable

Evaporation rate: No data available.

Flammability (solid, gas): No data available.

Upper/lower limit on flammability or explosive limits

Flammability limit - upper (%): No data available.

Flammability limit - lower (%): No data available.

Explosive limit - upper (%): No data available.

Explosive limit - lower (%): No data available.

Vapor pressure: The physical-chemical properties of this material have not been fully investigated.

Vapor density: No data available.

Relative density: The physical-chemical properties of this material have not been fully investigated.

Solubility(ies)

Solubility in water: The physical-chemical properties of this material have not been fully investigated.

Solubility (other): Not applicable

Partition coefficient (n-octanol/water): The physical-chemical properties of this material have not been fully investigated.

Auto-ignition temperature: No data available.

Decomposition temperature: No data available.

Viscosity: Not determined.

10. Stability and reactivity

Reactivity: Stable under normal temperature conditions and recommended use.



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Chemical Stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	Material is stable under normal conditions.
Conditions to avoid:	None under normal conditions.
Incompatible Materials:	None under normal conditions.
Hazardous Decomposition Products:	Material is stable under normal conditions.

11. Toxicological information

General information: Under normal conditions of intended use, this material does not pose a risk to health.

Information on likely routes of exposure

Ingestion: Due to the small packaging the risk of ingestion is minimal.

Inhalation: Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Skin Contact: Due to the small packaging the risk of skin contact is minimal.

Eye contact: Due to the small packaging the risk of eye contact is minimal.

Symptoms related to the physical, chemical and toxicological characteristics

Ingestion: No specific symptoms noted.

Inhalation: No specific symptoms noted.

Skin Contact: Skin irritation is not anticipated when used normally. However: May cause skin irritation.

Eye contact: No data available.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral Product: No data available.

Dermal Product: No data available.

Inhalation Product: No data available.



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Repeated dose toxicity

Product: No data available.

Skin Corrosion/Irritation

Product: No data available.

Serious Eye Damage/Eye Irritation

Product: No data available.

Respiratory or Skin Sensitization

Product: No data available.

Carcinogenicity

Product: No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogenic components identified

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

No carcinogenic components identified

Germ Cell Mutagenicity

In vitro

Product: No data available.

In vivo

Product: No data available.

Reproductive toxicity

Product: No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Aspiration Hazard



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Product: No data available.

Other effects: No data available.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Chronic hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

Persistence and Degradability

Biodegradation

Product: No data available.

BOD/COD Ratio

Product: No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.

Partition Coefficient n-octanol / water (log Kow)

Product: Log Kow: The physical-chemical properties of this material have not been fully investigated.



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Mobility in soil: No data available.

Known or predicted distribution to environmental compartments

Other adverse effects: No data available.

13. Disposal considerations

Disposal instructions: Dispose of waste and residues in accordance with local authority requirements.

Contaminated Packaging: No data available.

14. Transport information

DOTUN Number: Not regulated.
UN Proper Shipping Name: Not regulated.
Transport Hazard Class(es)
Class: Not regulated.
Label(s): Not regulated.
Packing Group: Not regulated.
Marine Pollutant: Not regulated.
Limited quantity Not regulated.
Excepted quantity Not regulated.

Special precautions for user: Not regulated.

IMDG

UN Number: Not regulated.
UN Proper Shipping Name: Not regulated.
Transport Hazard Class(es)
Class: Not regulated.
Subsidiary risk: Not regulated.
EmS No.: Not regulated.

Packing Group: Not regulated.
Environmental Hazards
Marine Pollutant: Not regulated.

Special precautions for user: Not regulated.



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IATA

UN Number:	Not regulated.
Proper Shipping Name:	Not regulated.
Transport Hazard Class(es):	
Class:	Not regulated.
Subsidiary risk:	Not regulated.
Packing Group:	Not regulated.
Environmental Hazards	
Marine pollutant:	Not regulated.
Special precautions for user:	Not regulated.

15. Regulatory information

US Federal Regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

None present or none present in regulated quantities.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

None present or none present in regulated quantities.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Not classified

Not classified

SARA 302 Extremely Hazardous Substance

None present or none present in regulated quantities.

SARA 304 Emergency Release Notification

None present or none present in regulated quantities.

SARA 311/312 Hazardous Chemical

None present or none present in regulated quantities.

SARA 313 (TRI Reporting)

None present or none present in regulated quantities.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

None present or none present in regulated quantities.



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US State Regulations

US. California Proposition 65

No ingredient regulated by CA Prop 65 present.

US. New Jersey Worker and Community Right-to-Know Act

No ingredient regulated by NJ Right-to-Know Law present.

US. Massachusetts RTK - Substance List

No ingredient regulated by MA Right-to-Know Law present.

US. Pennsylvania RTK - Hazardous Substances

No ingredient regulated by PA Right-to-Know Law present.

US. Rhode Island RTK

No ingredient regulated by RI Right-to-Know Law present.

16. Other information, including date of preparation or last revision
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Issue Date: 10/15/2018

Version #: 7.1

Revision Information:

Further Information: No data available.

Disclaimer:

Disclaimer:

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