Version: 1.0
Last revised date: 02/20/2026

Becton, Dickinson and Company
BD, Franklin Lakes, NJ
07417 USA
www.bd.com

SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

1. Identification

Product No.:	Product name:	Common name(s), synonym(s)
910120	BD Surgiphor 1L Antimicrobial Irrigation System	No data available

Recommended restrictions

Recommended use: Wound care

Restrictions on use: Not known.

Manufacturer/Importer/Distributor Information

Manufacturer

Company Name: Becton Dickinson

Address: 1550 Northwestern Dr
El Paso, TX 79912 USA

Telephone: 800-523-0502 (Monday to Friday 8 a.m. to 5 p.m. CT)

Fax:

Contact Person: Customer Service

Emergency telephone number: CHEMTREC 1 800 424 9300

2. Hazard(s) identification

Hazard Classification

Not classified

Label Elements

Becton, Dickinson and Company
BD, Franklin Lakes, NJ
07417 USA
www.bd.com

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

Mixtures

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)*
Potassium iodide (KI)	No data available.	7681-11-0	0.3%

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Description of first aid measures

General information:	Get medical attention if symptoms occur.
Inhalation:	Provide fresh air, warmth and rest, preferably in comfortable upright sitting position.
Skin Contact:	Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.
Eye contact:	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses.
Ingestion:	Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person.
Personal Protection for First-aid Responders:	No data available.

Most important symptoms and effects, both acute and delayed

Becton, Dickinson and Company
BD, Franklin Lakes, NJ
07417 USA
www.bd.com

Symptoms:	No data available.
Hazards:	No data available.

Indication of immediate medical attention and special treatment needed

Treatment:	No data available.

5. Fire-fighting measures

General Fire Hazards:	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Use water spray to keep fire-exposed containers cool.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media:	Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable extinguishing media:	Not applicable
Special hazards arising from the substance or mixture:	Fire or excessive heat may produce hazardous decomposition products.

Special protective equipment and precautions for fire-fighters

Special fire-fighting procedures:	No unusual fire or explosion hazards noted.
Special protective equipment for fire-fighters:	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

6. Accidental release measures

Becton, Dickinson and Company
BD, Franklin Lakes, NJ
07417 USA
www.bd.com

Personal precautions, protective equipment and emergency procedures:	Contact local authorities in case of spillage to drain/aquatic environment. Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.
Accidental release measures:	No data available.
Methods and material for containment and cleaning up:	Absorb spillage with suitable absorbent material. Prevent runoff from entering drains, sewers, or streams. See Section 8 of the SDS for Personal Protective Equipment. For waste disposal, see section 13 of the SDS.
Environmental Precautions:	Avoid release to the environment.

7. Handling and storage

Handling

Technical measures:	No data available.
Local/Total ventilation:	No data available.
Safe handling advice:	When using do not eat, drink or smoke. Read and follow manufacturer's recommendations. Use personal protective equipment as required.
Contact avoidance measures:	No data available.

Storage

Safe storage conditions:	Store in a cool, dry place. Keep container tightly closed.
Safe packaging materials:	No data available.

Becton, Dickinson and Company
BD, Franklin Lakes, NJ
07417 USA
www.bd.com

8. Exposure controls/personal protection

Control ParametersOccupational Exposure Limits

Components	Type	Form of exposure	Exposure Limit Values		Source
Potassium iodide (KI)	AN ESL	Particulate.		5 µg/m3	TX ESL (12 2010)
	ST ESL	Particulate.		50 µg/m3	TX ESL (12 2010)
	TWA	Inhalable fraction. - as Iodine (I)		0.01 mg/m3	ACGIH (01 2023)

Please refer to the latest edition of the appropriate source text and consult an industrial hygienist or similar professional, or local agencies, for further information.

Biological Limit Values

No biological exposure limits noted for the ingredient(s).

Appropriate Engineering Controls No special requirements under ordinary conditions of use and with adequate ventilation.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection: Wear safety glasses with side shields (or goggles).

Skin Protection

Hand Protection: Material: Chemical resistant gloves

Additional Information: Wash hands after contact.Material: Suitable gloves can be recommended by the glove supplier.

Skin and Body Protection: Wear a lab coat or similar protective clothing.

Becton, Dickinson and Company
BD, Franklin Lakes, NJ
07417 USA
www.bd.com

Respiratory Protection: If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

Hygiene measures: Observe good industrial hygiene practices.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance

Physical state: liquid

Form: No data available.

Color: No data available.

Odor: No data available.

Odor Threshold: No data available.

Freezing point: No data available.

Boiling Point: No data available.

Flammability: No data available.

Upper/lower limit on flammability or explosive limits

Explosive limit - upper: No data available.

Explosive limit - lower: No data available.

Flash Point: No data available.

Becton, Dickinson and Company
BD, Franklin Lakes, NJ
07417 USA
www.bd.com

Auto-ignition temperature:	No data available.
Decomposition Temperature:	No data available.
pH:	4.6 - 6.4
Viscosity	
Dynamic viscosity:	No data available.
Kinematic viscosity:	No data available.
Flow Time:	No data available.
Solubility(ies)	
Solubility in Water:	No data available.
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available.
Vapor pressure:	No data available.
Relative density:	No data available.
Density:	No data available.
Bulk density:	No data available.
Relative vapor density:	No data available.
Particle characteristics	
Particle Size:	No data available.
Particle Size Distribution:	No data available.
Specific surface area:	No data available.
Surface charge/Zeta potential:	No data available.

Becton, Dickinson and Company
BD, Franklin Lakes, NJ
07417 USA
www.bd.com

Shape:	No data available.
Crystallinity:	No data available.
Surface treatment:	No data available.

Other information

No data available

10. Stability and reactivity

Reactivity:	Material is stable under normal conditions.
Chemical Stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	Not determined.
Conditions to avoid:	Avoid exposure to high temperatures or direct sunlight.
Incompatible Materials:	Metals. Water reactive material.
Hazardous Decomposition Products:	No data available.

11. Toxicological information

General information: No data on possible toxicity effects have been found.

Information on likely routes of exposure

Inhalation:	Limited inhalation hazard at normal work temperatures.
Skin Contact:	Negligible irritation to skin at ambient temperatures.
Eye contact:	Elevated temperatures or mechanical action may form vapors, mist, or fumes which may be irritating to the eyes, nose, throat, or lungs.
Ingestion:	No harmful effects expected in amounts likely to be ingested by accident.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation:	No data available.
Skin Contact:	No data available.

Becton, Dickinson and Company
BD, Franklin Lakes, NJ
07417 USA
www.bd.com

Eye contact: No data available.

Ingestion: No data available.

Acute toxicity (list all possible routes of exposure)

Oral

Product: Not classified for acute toxicity based on available data.

Components:

Potassium iodide (KI) No data available.

Dermal

Product: Not classified for acute toxicity based on available data.

Components:

Potassium iodide (KI) No data available.

Inhalation

Product: Not classified for acute toxicity based on available data.

Components:

Potassium iodide (KI) No data available.

Repeated dose toxicity

Product: No data available.

Components:

Potassium iodide (KI) No data available.

Skin Corrosion/Irritation

Product: No data available.

Components:

Potassium iodide (KI) No data available.

Serious Eye Damage/Eye Irritation

Product: No data available.

Components:

Becton, Dickinson and Company
BD, Franklin Lakes, NJ
07417 USA
www.bd.com

Potassium iodide (KI) No data available.

Respiratory or Skin Sensitization

Product: No data available.

Components:

Potassium iodide (KI) No data available.

Carcinogenicity

Product: No data available.

Components:

Potassium iodide (KI) No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogens present or none present in regulated quantities

ACGIH: US.ACGIH Threshold Limit Values:

No carcinogens present or none present in regulated quantities

US. National Toxicology Program (NTP) Report on Carcinogens

No carcinogens present or none present in regulated quantities

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended:

No carcinogens present or none present in regulated quantities

Germ Cell Mutagenicity

In vitro

Product: No data available.

Components:

Potassium iodide (KI) No data available.

In vivo

Product: No data available.

Components:

Potassium iodide (KI) No data available.

Becton, Dickinson and Company
BD, Franklin Lakes, NJ
07417 USA
www.bd.com

Reproductive toxicity

Product: No data available.

Components:

Potassium iodide (KI) No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Components:

Potassium iodide (KI) No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Components:

Potassium iodide (KI) No data available.

Aspiration Hazard

Product: No data available.

Components:

Potassium iodide (KI) No data available.

Information on health hazards

Other hazards

Product: No data available.

12. Ecological information

Ecotoxicity:

Toxicity to Aquatic Plants

Product: No negative effects on the aquatic environment are known.

Components:

Potassium iodide (KI) No data available.

Becton, Dickinson and Company
BD, Franklin Lakes, NJ
07417 USA
www.bd.com

Toxicity to microorganisms

Product:	No data available.
Components:	
Potassium iodide (KI)	No data available.

Acute hazards to the aquatic environment:

Fish

Product:	No negative effects on the aquatic environment are known.
Components:	
Potassium iodide (KI)	NOAEL, Danio rerio, 7 d, 100 mg/lStatic, Experimental result, Key study LC 0, Danio rerio, 96 h, 100 mg/lStatic, Experimental result, Key study LC 50, Oncorhynchus mykiss, 96 h, 3,780 mg/lStatic, Read-across from supporting substance (structural analogue or surrogate), Key study LC 50, Oncorhynchus mykiss, 96 h, 896 mg/lStatic, Experimental result, Supporting study LC 50, Oncorhynchus mykiss, 96 h, 2,190 mg/lStatic, Experimental result, Supporting study

Aquatic Invertebrates

Product:	No negative effects on the aquatic environment are known.
Components:	
Potassium iodide (KI)	LC 50, Zebra mussel (Dreissena polymorpha), 24 h, 220 - 313 mg/lStatic, Mortality

Chronic hazards to the aquatic environment:

Fish

Product:	No negative effects on the aquatic environment are known.
Components:	
Potassium iodide (KI)	No data available.

Aquatic Invertebrates

Product:	No negative effects on the aquatic environment are known.
Components:	
Potassium iodide (KI)	No data available.

Persistence and Degradability

Biodegradation

Product:	Expected to be readily biodegradable.
Components:	
Potassium iodide (KI)	No data available.

BOD/COD Ratio

Product:	No data available.
Components:	
Potassium iodide (KI)	No data available.

Becton, Dickinson and Company
BD, Franklin Lakes, NJ
07417 USA
www.bd.com

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product:	No data available.
Components:	
Potassium iodide (KI)	No data available.

Partition Coefficient n-octanol / water (log Kow)

Product:	No data available.
Components:	
Potassium iodide (KI)	No data available.

Mobility in soil:

Product:	No data available.
Components:	
Potassium iodide (KI)	No data available.

Results of PBT and vPvB assessment:

Product:	No data available.
Components:	
Potassium iodide (KI)	No data available.

Other adverse effects:

Other hazards

Product:	The product is not expected to be hazardous to the environment.

13. Disposal considerations

General information:	Dispose of waste and residues in accordance with local authority requirements.
Disposal methods:	Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.
Contaminated Packaging:	No data available.

Becton, Dickinson and Company
BD, Franklin Lakes, NJ
07417 USA
www.bd.com

14. Transport information

DOTUN number or ID 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 or ID 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.

IATA

UN number or ID 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

Becton, Dickinson and Company
BD, Franklin Lakes, NJ
07417 USA
www.bd.com

US Federal Regulations

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

None present or none present in regulated quantities.

US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)

None present or none present in regulated quantities.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended

None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

Chemical Identity

SODIUM PHOSPHATE, DIBASIC

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances

None present or none present in regulated quantities.

US. EPCRA (SARA Title III Section 313 Toxic Chemical Release Inventory (TRI) Reporting

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.

Becton, Dickinson and Company
BD, Franklin Lakes, NJ
07417 USA
www.bd.com

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

Chemical Identity

SODIUM PHOSPHATE, DIBASIC

US State Regulations

US. California Proposition 65

No ingredient requiring a warning under CA Prop 65.

International regulations

Montreal protocol
Not applicable

Stockholm convention
Not applicable

Rotterdam convention
Not applicable

Kyoto protocol
Not applicable

16.Other information, including date of preparation or last revision

Version #:	1.0
Revision Date:	02/20/2026
Date of first report version:	02/20/2026

Abbreviations and acronyms:

ACGIH:	US. ACGIH Threshold Limit Values, as amended
TX ESL:	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended
ACGIH / TWA:	Time Weighted Average (TWA):

Becton, Dickinson and Company
BD, Franklin Lakes, NJ
07417 USA
www.bd.com

TX ESL / ST ESL: Short-Term ESL:

TX ESL / AN ESL: Annual ESL:

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Source of information: European Chemicals Agency (ECHA): Information on Chemicals.

Further Information: No data available.

Becton, Dickinson and Company
BD, Franklin Lakes, NJ
07417 USA
www.bd.com

Disclaimer:

Disclaimer:
The information contained herein has been obtained from various sources and is believed to be correct as of the date issued. However, neither BD nor any of its subsidiaries assumes any liabilities whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability for a particular use 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. BD provides SDS in electronic form so the information may be more easily accessed. Due to the possibility of errors during transmission, BD makes no representations as to the completeness or accuracy of the information.