

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

# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Product No.:	Product name:	Common name(s), synonym(s)
260001	BD GasPak™ EZ Sachet Anaerobe W/Indicator	No data available
260678	BD GasPak™ EZ Anaerobe Container System	No data available
260679	BD GasPak™ EZ CO2 Container System	No data available
260680	BD GasPak™ EZ Campy Container System	No data available
260683	BD GasPak™ EZ Anaerobe Pouch System	No data available
260684	BD GasPak™ EZ CO2 Gas Generating Pouch System	No data available
260685	BD GasPak™ EZ Campy Pouch System	No data available

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Identified uses:** Scientific and industrial laboratory use. For In Vitro Diagnostic Use.

**Uses advised against:** None known.

### 1.3 Details of the supplier of the safety data sheet

SDS\_GB

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

### Manufacturer

BD, Integrated Diagnostic Solutions  
11, rue Aristide Bergès  
Le Pont de Claix 38800  
France

**Telephone:** 33 476 68 36 36

**Contact Person:** BD Diagnostic Systems Europe - Regulatory Compliance Department

**E-mail:** msds\_europe@bd.com

**1.4 Emergency telephone number:** CHEMTREC 1 800 424 9300

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

The product has been classified according to the legislation in force.

**Classification according to Regulation (EC) No 1272/2008 as amended.**

#### Health Hazards

Serious eye irritation      Category 2A      H319: Causes serious eye irritation.

### 2.2 Label Elements



**Signal Word:** Warning

**Hazard Statement(s):** H319: Causes serious eye irritation.

#### Precautionary Statements

**Prevention:** P264: Wash thoroughly after handling.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

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

**Response:** P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Get medical advice/attention.

**2.3 Other hazards** No data available.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
Carbon	10 - <20%	7440-44-0	231-153-3	No data available.	No data available.	#
sodium carbonate	10 - <20%	497-19-8	207-838-8	No data available.	No data available.	
iron (II) sulfate	1 - <5%	7720-78-7	231-753-5	No data available.	No data available.	#

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

# This substance has workplace exposure limit(s).

#### Classification

Chemical name	CLP Classification	Notes
Carbon	Flam. Sol.: 1: H228Self-heat.: 1: H251Skin Irrit.: 2: H315Eye Irrit.: 2: H319STOT SE: 3: H335	
sodium carbonate	Eye Irrit.: 2: H319	No data available.
iron (II) sulfate	Skin Irrit.: 2: H315Acute Tox.: 4: H302Eye Irrit.: 2: H319	No data available.

Regulation No. 1272/2008.

The full text for all H-statements is displayed in section 16.

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

## SECTION 4: First aid measures

**General:** Causes serious eye irritation.

### 4.1 Description of first aid measures

**Inhalation:** Get medical attention if any discomfort continues.

**Eye contact:** Important! Immediately rinse with water for at least 15 minutes. Get medical attention immediately.

**Skin Contact:** Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water.

**Ingestion:** If swallowed, rinse mouth with water (only if the person is conscious). DO NOT induce vomiting. Get medical attention immediately.

**4.2 Most important symptoms and effects, both acute and delayed:** No data available.

### 4.3 Indication of any immediate medical attention and special treatment needed

**Hazards:** Causes serious eye irritation.

**Treatment:** Get immediate medical advice/attention.

## SECTION 5: Firefighting measures

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

**5.1 Extinguishing media Suitable extinguishing media:** Water spray, fog, CO<sub>2</sub>, dry chemical, or alcohol resistant foam.

**Unsuitable extinguishing media:** Avoid water in straight hose stream; will scatter and spread fire.

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

- 5.2 Special hazards arising from the substance or mixture:** Fire or excessive heat may produce hazardous decomposition products.
- 5.3 Advice for firefighters**
- 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.

## SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures:** Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Wash thoroughly after dealing with a spillage. Contact local authorities in case of spillage to drain/aquatic environment.
- 6.2 Environmental Precautions:** Avoid release to the environment.
- 6.3 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.
- 6.4 Reference to other sections:** No data available.

## SECTION 7: Handling and storage:

- 7.1 Precautions for safe handling:** Avoid contact with eyes. Eye wash facilities and emergency shower must be available when handling this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Read and follow manufacturer's recommendations. Use personal protective equipment as required.

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

**7.2 Conditions for safe storage, including any incompatibilities:**

Store in tightly closed original container in a dry, cool and well-ventilated place.

**7.3 Specific end use(s):**

Reserved for industrial and professional use.

**SECTION 8: Exposure controls/personal protection**

**8.1 Control Parameters**

**Occupational Exposure Limits**

Chemical name	Type	Exposure Limit Values	Source
Ethene, homopolymer - Inhalable dust.	TWA	10 mg/m <sup>3</sup>	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
Ethene, homopolymer - Respirable dust.	TWA	4 mg/m <sup>3</sup>	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
Carbon - Inhalable dust.	TWA	10 mg/m <sup>3</sup>	UK. EH40 Workplace Exposure Limits (WELs), as amended (2007)
Carbon - Respirable dust.	TWA	4 mg/m <sup>3</sup>	UK. EH40 Workplace Exposure Limits (WELs), as amended (2007)
iron (II) sulfate - as Fe	STEL	2 mg/m <sup>3</sup>	UK. EH40 Workplace Exposure Limits (WELs), as amended (2007)
	TWA	1 mg/m <sup>3</sup>	UK. EH40 Workplace Exposure Limits (WELs), as amended (2007)

**Biological Limit Values**

None.

**8.2 Exposure controls**

**Appropriate Engineering Controls:**

Adequate ventilation should be provided whenever the material is heated or mists are generated.

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

## Individual protection measures, such as personal protective equipment

<b>General information:</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.
<b>Eye/face protection:</b>	Wear safety glasses with side shields (or goggles).
<b>Skin protection</b>	
<b>Hand Protection:</b>	Chemical resistant gloves
<b>Other:</b>	Wear a lab coat or similar protective clothing.
<b>Respiratory Protection:</b>	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.
<b>Hygiene measures:</b>	Avoid contact with eyes. Wash hands after contact. Observe good industrial hygiene practices.
<b>Environmental Controls:</b>	No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

<b>Physical state:</b>	solid
<b>Form:</b>	Solid
<b>Color:</b>	According to product specification.
<b>Odor:</b>	Characteristic
<b>Odor Threshold:</b>	No data available.
<b>pH:</b>	No data available.
<b>Melting Point:</b>	No data available.
<b>Boiling Point:</b>	No data available.
<b>Flash Point:</b>	Not applicable
<b>Evaporation Rate:</b>	No data available.

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

<b>Flammability (solid, gas):</b>	No data available.
<b>Flammability Limit - Upper (%):</b>	No data available.
<b>Flammability Limit - Lower (%):</b>	No data available.
<b>Vapor pressure:</b>	No data available.
<b>Vapor density (air=1):</b>	No data available.
<b>Relative density:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Slightly Soluble
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n- octanol/water):</b>	No data available.
<b>Autoignition Temperature:</b>	No data available.
<b>Decomposition Temperature:</b>	No data available.
<b>SADT:</b>	No data available.
<b>Viscosity:</b>	Not determined.
<b>Explosive properties:</b>	No data available.
<b>Oxidizing properties:</b>	No data available.

## 9.2 Other information

<b>Molecular weight:</b>	No data available.
<b>VOC Content:</b>	No data available.
<b>Bulk density:</b>	No data available.
<b>Dust Explosion Limit, Upper:</b>	No data available.
<b>Dust Explosion Limit, Lower:</b>	No data available.
<b>Dust Explosion Description Number Kst:</b>	No data available.
<b>Minimum ignition energy:</b>	No data available.
<b>Minimum ignition temperature:</b>	No data available.
<b>Metal Corrosion:</b>	No data available.

## SECTION 10: Stability and reactivity

**10.1 Reactivity:** No data available.

**10.2 Chemical Stability:** No data available.



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

- 10.3 Possibility of hazardous reactions:** None under normal conditions.
- 10.4 Conditions to avoid:** Avoid exposure to high temperatures or direct sunlight.
- 10.5 Incompatible Materials:** Strong oxidizing agents.
- 10.6 Hazardous Decomposition Products:** By heating and fire, harmful vapors/gases may be formed.

## SECTION 11: Toxicological information

### Information on likely routes of exposure

- Inhalation:** Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
- Ingestion:** Ingestion may cause severe irritation of the mouth, the esophagus and the gastrointestinal tract.
- Skin Contact:** Negligible irritation to skin at ambient temperatures.
- Eye contact:** Irritating to eyes.

### 11.1 Information on toxicological effects

#### Acute toxicity

- Oral Product:** ATEmix: 5,669.17 mg/kg

#### Specified substance(s)

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

Carbon LD 50 (Rat): 24,000 mg/kg LD 50 (Rat):  $\geq 2,000$  mg/kg  
Experimental result, Key study

sodium carbonate LD 50 (Rat): 2,800 mg/kg Experimental result, Key study

iron (II) sulfate LD 50 (Mouse): 670 - 680 mg/kg Experimental result, Supporting study  
LD 50 (Mouse): 205 mg/kg Experimental result, Supporting study  
LD 50 (Rat): 3.2 g/kg Experimental result, Supporting study  
LD 50 (Mouse, Rat): 2,625 mg/kg Experimental result, Supporting study  
LD 50 (Mouse): 4,500 mg/kg Experimental result, Supporting study  
LD 50 (Mouse, Rat): 1,025 mg/kg Experimental result, Supporting study  
LD 50 (Rat): 319 mg/kg Experimental result, Supporting study  
LD 50 (Rat): 237 mg/kg Experimental result, Supporting study  
LD 50 (Mouse): 680 mg/kg Experimental result, Supporting study  
LD 50 (Mouse): 211 mg/kg Experimental result, Supporting study  
LD 50 (Rat):  $> 2,000$  mg/kg Experimental result, Key study  
LD 50 (Rat): 3,200 mg/kg Experimental result, Supporting study  
LD 50 (Mouse): 507 mg/kg Experimental result, Supporting study  
LD 50 (Rat): 319 mg/kg Experimental result, Supporting study

**Dermal**

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

**Specified substance(s)**

Carbon No data available.

sodium carbonate LD 50 (Rabbit):  $> 2,000$  mg/kg Experimental result, Key study

iron (II) sulfate LD 50 (Rat):  $> 2,000$  mg/kg Read-across based on grouping of substances (category approach), Key study

**Inhalation**

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

**Specified substance(s)**

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

Carbon  
sodium carbonate  
No data available.  
LC 50 (Mouse, 2 h)1,200 mg/m<sup>3</sup> Aerosol, Experimental result, Supporting study  
LC 50 (Rat, 2 h)2,300 mg/m<sup>3</sup> Aerosol, Experimental result, Key study  
LC 50 (Guinea pig, 2 h)800 mg/m<sup>3</sup> Experimental result, Supporting study

iron (II) sulfate  
No data available.

**Repeated dose toxicity**

**Product:** No data available.

**Specified substance(s)**

Carbon  
NOAEL (Rat(Male), Oral, 28 - 53 d):  $\geq$  859 mg/kg  
NOAEL (Rat(female), Oral, 28 - 53 d):  $\geq$  1,521 mg/kg  
NOAEL (Rat(female), Oral, 28 - 53 d):  $\geq$  994 mg/kg  
NOAEL (Rat(female), Oral, 28 - 53 d):  $\geq$  1,051 mg/kg

sodium carbonate  
No data available.

iron (II) sulfate  
NOAEL (Rat(Male), Oral, 14 d): 125 mg/kg  
NOAEL (Rat(Female, Male), Oral, 42 - 49 d): 100 mg/kg  
NOAEL (Rat(Female, Male), Oral, 13 Weeks): 0.5 %(m)  
NOAEL (Rat(Female, Male), Oral, 42 - 49 d):  $\geq$  1,000 mg/kg

**Skin**

**Corrosion/Irritation:**

**Product:** No data available.

**Specified substance(s)**

Carbon  
in vivo (Rabbit): Not irritant Experimental result, Key study

sodium carbonate  
in vivo (Rabbit): Not irritant Experimental result, Supporting study

iron (II) sulfate  
in vivo (Rabbit): Not irritant Experimental result, Key study  
in vivo (Rabbit): Not irritant Experimental result, Supporting study  
in vivo (Rabbit): Irritating Experimental result, Key study  
in vivo (Rabbit): Not irritant Experimental result, Supporting study

**Serious Eye Damage/Eye Irritation:**

**Product:** No data available.

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

---

**Specified substance(s)**

Carbon	No data available.
sodium carbonate	in vivo (Rabbit, 48 hrs): Highly irritating
iron (II) sulfate	in vivo (Rabbit): Slightly irritating
	in vivo (Rabbit, 1 hrs): Not irritating
	in vivo (Rabbit, 2 d): Not irritating
	in vivo (Rabbit): Slightly irritating
	in vivo (Rabbit, 1 d): Not irritating
	in vivo (Rabbit): Slightly irritating
	in vivo (Rabbit, 3 d): Not irritating

**Respiratory or Skin Sensitization:**

**Product:** No data available.

**Specified substance(s)**

Carbon	No data available.
sodium carbonate	No data available.
iron (II) sulfate	No data available.

**Germ Cell Mutagenicity**

**In vitro**

**Product:** No data available.

**Specified substance(s)**

Carbon	No data available.
sodium carbonate	No data available.
iron (II) sulfate	No data available.

**In vivo**

**Product:** No data available.

**Specified substance(s)**

Carbon	No data available.
sodium carbonate	No data available.

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

---

iron (II) sulfate                      No data available.

**Carcinogenicity**

**Product:**                                      No data available.

**Specified substance(s)**

Carbon                                      No data available.  
sodium carbonate                      No data available.  
iron (II) sulfate                        No data available.

**Reproductive toxicity**

**Product:**                                      No data available.

**Specified substance(s)**

Carbon                                      No data available.  
sodium carbonate                      No data available.  
iron (II) sulfate                        No data available.

**Specific Target Organ Toxicity - Single Exposure**

**Product:**                                      No data available.

**Specified substance(s)**

Carbon                                      No data available.  
sodium carbonate                      No data available.  
iron (II) sulfate                        No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:**                                      No data available.

**Specified substance(s)**

Carbon                                      No data available.  
sodium carbonate                      No data available.  
iron (II) sulfate                        No data available.

**Aspiration Hazard**

**Product:**                                      No data available.

**Specified substance(s)**

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

Carbon	No data available.
sodium carbonate	No data available.
iron (II) sulfate	No data available.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Acute toxicity

##### Fish

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

##### Specified substance(s)

Carbon	LL 50 (Danio rerio, 96 h): > 100 mg/l (Static) Experimental result, Key study LL 0 (Danio rerio, 96 h): >= 100 mg/l (Static) Experimental result, Key study
sodium carbonate	LC 50 (Gambusia affinis, 48 h): 840 mg/l (Static) Experimental result, Supporting study LC 50 (Gambusia affinis, 24 h): 1,200 mg/l (Static) Experimental result, Supporting study NOAEL (Gambusia affinis, 96 h): 560 mg/l (Static) Experimental result, Supporting study LC 50 (Lepomis macrochirus, 96 h): 300 mg/l (Static) Experimental result, Key study LC 50 (Gambusia affinis, 96 h): 740 mg/l (Static) Experimental result, Supporting study
iron (II) sulfate	No data available.

##### Aquatic Invertebrates

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

##### Specified substance(s)

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

---

Carbon	NOAEL (Daphnia magna, 48 h): $\geq 100$ mg/l (Static) Experimental result, Key study
sodium carbonate	EC 50 (Daphnia magna, 48 h): $> 100$ mg/l (Static) Experimental result, Key study
iron (II) sulfate	EC 50 (Ceriodaphnia sp., 48 h): 200 - 227 mg/l (semi-static) Experimental result, Key study
	No data available.

### Chronic Toxicity

#### Fish

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

#### Specified substance(s)

Carbon	No data available.
sodium carbonate	No data available.
iron (II) sulfate	No data available.

#### Aquatic Invertebrates

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

#### Specified substance(s)

Carbon	No data available.
sodium carbonate	No data available.
iron (II) sulfate	No data available.

#### Toxicity to Aquatic Plants

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

#### Specified substance(s)

Carbon	No data available.
sodium carbonate	No data available.
iron (II) sulfate	No data available.

## 12.2 Persistence and Degradability

#### Biodegradation

**Product:** No data available.

#### Specified substance(s)

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

---

Carbon	No data available.
sodium carbonate	No data available.
iron (II) sulfate	No data available.

**BOD/COD Ratio**

**Product** No data available.

**Specified substance(s)**

Carbon	No data available.
sodium carbonate	No data available.
iron (II) sulfate	No data available.

**12.3 Bioaccumulative potential**

**Product:** No data available.

**Specified substance(s)**

Carbon	No data available.
sodium carbonate	No data available.
iron (II) sulfate	Cyprinus carpio, Bioconcentration Factor (BCF): <= 20 Aquatic sediment Experimental result, Key study Salmo trutta, Bioconcentration Factor (BCF): 13.5 - 91.7 Aquatic sediment Experimental result, Supporting study Salmo trutta, Bioconcentration Factor (BCF): 38.2 - 663 Aquatic sediment Experimental result, Supporting study Salmo trutta, Bioconcentration Factor (BCF): 0.8 - 3 Aquatic sediment Experimental result, Supporting study Cyprinus carpio, Bioconcentration Factor (BCF): 2 - 2.9 Aquatic sediment Experimental result, Key study

**12.4 Mobility in soil:**

**Product:** No data available.

**Specified substance(s)**

Carbon	No data available.
sodium carbonate	No data available.
iron (II) sulfate	No data available.

**12.5 Results of PBT and vPvB assessment:**

**Product:** No data available.

**Specified substance(s)**

Carbon	No data available.
--------	--------------------



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

sodium carbonate No data available.

iron (II) sulfate No data available.

**12.6 Other adverse effects:** No data available.

## **SECTION 13: Disposal considerations**

### **13.1 Waste treatment methods**

**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.

## **SECTION 14: Transport information**

### **ADR**

- 14.1 UN Number: Not regulated.  
14.2 UN Proper Shipping Name: Not regulated.  
14.3 Transport Hazard Class(es)  
Class: Not regulated.  
Label(s): Not regulated.  
Hazard No. (ADR): Not regulated.  
Tunnel restriction code: Not regulated.  
14.4 Packing Group: Not regulated.  
14.5 Environmental Hazards:  
Marine Pollutant: Not regulated.  
14.6 Special precautions for user: Not regulated.

### **ADN**

- 14.1 UN Number: Not regulated.  
14.2 UN Proper Shipping Name: Not regulated.  
14.3 Transport Hazard Class(es)  
Class: Not regulated.  
Label(s): Not regulated.

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

---

Hazard No. (ADR):	Not regulated.
Tunnel restriction code:	Not regulated.
14.4 Packing Group:	Not regulated.
14.5 Environmental Hazards:	Not regulated.
Marine Pollutant:	Not regulated.
14.6 Special precautions for user:	Not regulated.

**RID**

14.1 UN Number:	Not regulated.
14.2 UN Proper Shipping Name	Not regulated.
14.3 Transport Hazard Class(es)	
Class:	Not regulated.
Label(s):	Not regulated.
14.4 Packing Group:	Not regulated.
14.5 Environmental Hazards:	Not regulated.
Marine Pollutant:	Not regulated.
14.6 Special precautions for user:	Not regulated.

**IMDG**

14.1 UN Number:	Not regulated.
14.2 UN Proper Shipping Name:	Not regulated.
14.3 Transport Hazard Class(es)	
Class:	Not regulated.
Label(s):	Not regulated.
EmS No.:	Not regulated.
14.4 Packing Group:	Not regulated.
14.5 Environmental Hazards:	Not regulated.
Marine Pollutant:	Not regulated.

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

14.6 Special precautions for user: Not regulated.

#### **IATA**

14.1 UN Number: Not regulated.  
14.2 Proper Shipping Name: Not regulated.  
14.3 Transport Hazard Class(es):  
Class: Not regulated.  
Label(s): Not regulated.  
14.4 Packing Group: Not regulated.  
14.5 Environmental Hazards:  
Marine Pollutant: Not regulated.  
14.6 Special precautions for user: Not regulated.

**14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code:** Not applicable

### **SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

#### **EU Regulations**

**Regulation (EC) No. 2037/2000 Substances that deplete the ozone layer:** none

**Regulation (EC) No. 2037/2000 Substances that deplete the ozone layer:** none

**Regulation (EC) No. 850/2004 on persistent organic pollutants:** none

**Regulation (EC) No. 649/2012 Import and export of dangerous chemicals:** none

**EU. REACH Candidate List of Substances of Very High Concern for Authorization**

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

**(SVHC):** none

**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended:** none

**Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use:** none

**Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work.:** none

**Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breast feeding.:** none

**Directive 96/82/EC (Seveso III): on the control of major accident hazards involving dangerous substances:** none

**EU. Regulation No. 166/2006 PRTR (Pollutant Release and Transfer Registry), Annex II: Pollutants:** none

**Directive 98/24/EC on the protection of workers from the risks related to chemical agents at work:**

Chemical name	CAS-No.	Concentration
sodium carbonate	497-19-8	10 - 20%
iron (II) sulfate	7720-78-7	1.0 - 10%

**15.2 Chemical safety assessment:** No Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

**Revision Information:** Not relevant.

### References

PBT PBT: persistent, bioaccumulative and toxic substance.  
vPvB vPvB: very persistent and very bioaccumulative substance.

**Key literature references and sources for data:** No data available.

**Wording of the H-statements in section 2 and 3**

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

---

H228	Flammable solid.
H251	Self-heating: may catch fire.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

**Training information:** No data available.

**Classification according to Regulation (EC) No 1272/2008 as amended.**

Eye Irrit. 2A, H319

**Issue Date:** 24.03.2021  
**SDS No.:** UN000000000000260001-E-01  
**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.