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## Kit Components

Kit Product No.	Kit Product Description
366448	KIT PROT PLAS PLH 8.5 P100

Kit Component(s)	Kit Component(s) Description
8363375	TUBE PI PLH 16X100 8.5 PLBL CLR

### IMDG

UN Number:	Not regulated.
UN Proper Shipping Name:	Not regulated.
Transport Hazard Class(es)	
Class:	Not regulated.
Label(s):	Not regulated.
EmS No.:	Not regulated.
Packing Group:	Not regulated.
Environmental Hazards:	Not regulated.
Marine Pollutant:	Not regulated.
Special precautions for user:	Not regulated.

### IATA

UN Number:	Not regulated.
Proper Shipping Name:	Not regulated.
Transport Hazard Class(es):	
Class:	Not regulated.
Label(s):	Not regulated.
Packing Group:	Not regulated.
Environmental Hazards:	Not regulated.
Marine Pollutant:	Not regulated.



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Special precautions for user:      Not regulated.

Please note: If a listed component does not have a corresponding document included, this means that the product is not hazardous and does not require a Safety Data Sheet.



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# 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)
8363375	TUBE PI PLH 16X100 8.5 PLBL CLR	BD Vacutainer® P100 Blood Collection Tube for Plasma Protein Preservation

### 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:** For External Use Only

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

#### Manufacturer

BD Diagnostics, Preanalytical Systems  
Belliver Industrial Estate  
Plymouth, Devon PL6 7BP  
United Kingdom

**Telephone:** 44 0 1752 701281

**Fax:** 44 1752 788308

**Contact Person:** Safety and Environmental Officer

**E-mail:** pas\_tech\_services@bd.com

**1.4 Emergency telephone number:** Chemtrec +001-703-527-3887 (International)

## 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

Acute toxicity (Inhalation - dust and mist)      Category 4      H332: Harmful if inhaled.

Skin Corrosion/Irritation      Category 2      H315: Causes skin irritation.

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## 2.2 Label Elements

**Contains:** Dipotassium EDTA



**Signal Word:** Warning

**Hazard Statement(s):** H332: Harmful if inhaled.  
H315: Causes skin irritation.

### Precautionary Statements

**Prevention:** P261: Avoid breathing dust/fume/gas/mist/vapors/spray.  
P271: Use only outdoors or in a well-ventilated area.  
P280: Wear protective gloves.

**Response:** P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P312: Call a POISON CENTER/doctor if you feel unwell.

**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
Dipotassium EDTA	50 - <100%	25102-12-9	217-895-0	01-211990047 4-45-0000	No data available.	
Benzenesulfonyl fluoride, 4-(2-aminoethyl)-, hydrochloride	1 - <5%	30827-99-7		No data available.	No data available.	

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

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percent by volume.  
# This substance has workplace exposure limit(s).

### Classification

Chemical name	CLP Classification	Notes
Dipotassium EDTA	Acute Tox.: 4: H332	
Benzenesulfonyl fluoride, 4-(2-aminoethyl)-, hydrochloride	Skin Irrit.: 2: H315Eye Irrit.: 2A: H319STOT SE: 3: H335	

Regulation No. 1272/2008.  
The full text for all H-statements is displayed in section 16.

## SECTION 4: First aid measures

**General:** Get medical attention if symptoms occur.

### 4.1 Description of first aid measures

**Inhalation:** Dust irritates the respiratory system, and may cause coughing and difficulties in breathing. Move into fresh air and keep at rest. Get medical attention if symptoms persist. Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

**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.

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

**Ingestion:** Seek medical advice. Due to the small packaging the risk of ingestion is minimal.

**4.2 Most important symptoms and effects, both acute and delayed:** No specific symptoms noted.



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

**Hazards:** Low hazard for recommended handling by trained personnel.

**Treatment:** Get medical attention if symptoms occur.

### SECTION 5: Firefighting measures

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

#### 5.1 Extinguishing media Suitable extinguishing media:

Water spray, fog, CO<sub>2</sub>, dry chemical, or alcohol resistant foam.

#### Unsuitable extinguishing media:

None known.

#### 5.2 Special hazards arising from the substance or mixture:

None known.

#### 5.3 Advice for firefighters Special fire fighting procedures:

No unusual fire or explosion hazards noted.

#### Special protective equipment for fire-fighters:

No specific precautions due to the small quantities handled. Use fire-extinguishing media appropriate for surrounding materials.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid breathing dust/fume/gas/mist/vapors/spray.

#### 6.2 Environmental Precautions:

Avoid release to the environment.

#### 6.3 Methods and material for containment and cleaning up:

Sweep or scoop up and remove.



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**6.4 Reference to other sections:** No data available.

## **SECTION 7: Handling and storage:**

**7.1 Precautions for safe handling:** Wear appropriate personal protective equipment. Observe good laboratory hygiene practices. Low hazard for recommended handling by trained personnel.

**7.2 Conditions for safe storage, including any incompatibilities:** Store in a cool, dry place out of direct sunlight. Store in closed original container at temperatures between 4°C and 25°

**7.3 Specific end use(s):** For External Use Only

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

### **8.1 Control Parameters Occupational Exposure Limits**

None of the components have assigned exposure limits.

### **Biological Limit Values**

None.

### **8.2 Exposure controls**

**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. The risk of inhalation of dust must be minimized as much as possible.

**Hygiene measures:** 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.

**Environmental Controls:** 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>	Crystalline Powder.
<b>Color:</b>	White
<b>Odor:</b>	No data available.
<b>Odor Threshold:</b>	No data available.
<b>pH:</b>	No data available.
<b>Melting Point:</b>	The physical-chemical properties of this material have not been fully investigated.
<b>Boiling Point:</b>	The physical-chemical properties of this material have not been fully investigated.
<b>Flash Point:</b>	Not applicable
<b>Evaporation Rate:</b>	No data available.
<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>	The physical-chemical properties of this material have not been fully investigated.
<b>Vapor density (air=1):</b>	No data available.
<b>Relative density:</b>	The physical-chemical properties of this material have not been fully investigated.
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	The physical-chemical properties of this material have not been fully investigated.
<b>Solubility (other):</b>	Not applicable
<b>Partition coefficient (n-octanol/water):</b>	The physical-chemical properties of this material have not been fully investigated.
<b>Autoignition Temperature:</b>	No data available.





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<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.

## SECTION 10: Stability and reactivity

<b>10.1 Reactivity:</b>	Material is stable under normal conditions.
<b>10.2 Chemical Stability:</b>	Material is stable under normal conditions.
<b>10.3 Possibility of hazardous reactions:</b>	None under normal conditions.
<b>10.4 Conditions to avoid:</b>	None under normal conditions.
<b>10.5 Incompatible Materials:</b>	No common materials and contaminants with which the material may reasonably come into contact.
<b>10.6 Hazardous Decomposition Products:</b>	Material is stable under normal conditions.

## SECTION 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

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

**Ingestion:** Expected to be a low ingestion 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.

### 11.1 Information on toxicological effects

#### Acute toxicity

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### Oral

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

#### Specified substance(s)

Dipotassium EDTA	No data available.
Benzenesulfonyl fluoride, 4-(2-aminoethyl)-, hydrochloride	No data available.

### Dermal

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

#### Specified substance(s)

Dipotassium EDTA	No data available.
Benzenesulfonyl fluoride, 4-(2-aminoethyl)-, hydrochloride	No data available.

### Inhalation

**Product:** ATEmix1.61 mg/l Dusts, mists and fumes

#### Specified substance(s)

Dipotassium EDTA	No data available.
Benzenesulfonyl fluoride, 4-(2-aminoethyl)-, hydrochloride	No data available.

### Repeated dose toxicity

**Product:** No data available.

#### Specified substance(s)

Dipotassium EDTA	No data available.
Benzenesulfonyl fluoride, 4-(2-aminoethyl)-, hydrochloride	No data available.

### Skin

#### Corrosion/Irritation:



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**Product:** No data available.

**Specified substance(s)**

Dipotassium EDTA	No data available.
Benzenesulfonyl fluoride, 4-(2-aminoethyl)-, hydrochloride	No data available.

**Serious Eye Damage/Eye Irritation:**

**Product:** No data available.

**Specified substance(s)**

Dipotassium EDTA	No data available.
Benzenesulfonyl fluoride, 4-(2-aminoethyl)-, hydrochloride	No data available.

**Respiratory or Skin Sensitization:**

**Product:** No data available.

**Specified substance(s)**

Dipotassium EDTA	No data available.
Benzenesulfonyl fluoride, 4-(2-aminoethyl)-, hydrochloride	No data available.

**Germ Cell Mutagenicity**

**In vitro**

**Product:** No data available.

**Specified substance(s)**

Dipotassium EDTA	No data available.
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Benzenesulfonyl fluoride, 4-(2-aminoethyl)-, hydrochloride      No data available.

**In vivo**

**Product:**      No data available.

**Specified substance(s)**

Dipotassium EDTA      No data available.  
Benzenesulfonyl fluoride, 4-(2-aminoethyl)-, hydrochloride      No data available.

**Carcinogenicity**

**Product:**      No data available.

**Specified substance(s)**

Dipotassium EDTA      No data available.  
Benzenesulfonyl fluoride, 4-(2-aminoethyl)-, hydrochloride      No data available.

**Reproductive toxicity**

**Product:**      No data available.

**Specified substance(s)**

Dipotassium EDTA      No data available.  
Benzenesulfonyl fluoride, 4-(2-aminoethyl)-, hydrochloride      No data available.

**Specific Target Organ Toxicity - Single Exposure**

**Product:**      No data available.

**Specified substance(s)**

Dipotassium EDTA      No data available.



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Benzenesulfonyl fluoride, 4-(2-aminoethyl)-, hydrochloride      No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:**      No data available.

**Specified substance(s)**

Dipotassium EDTA      No data available.  
Benzenesulfonyl fluoride, 4-(2-aminoethyl)-, hydrochloride      No data available.

**Aspiration Hazard**

**Product:**      No data available.

**Specified substance(s)**

Dipotassium EDTA      No data available.  
Benzenesulfonyl fluoride, 4-(2-aminoethyl)-, hydrochloride      No data available.

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Acute toxicity**

**Fish**

**Product:**      No data available.

**Specified substance(s)**

Dipotassium EDTA      No data available.  
Benzenesulfonyl fluoride, 4-(2-aminoethyl)-, hydrochloride      No data available.

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### **Aquatic Invertebrates**

**Product:** No data available.

#### **Specified substance(s)**

Dipotassium EDTA	No data available.
Benzenesulfonyl fluoride, 4-(2-aminoethyl)-, hydrochloride	No data available.

### **Chronic Toxicity**

#### **Fish**

**Product:** No data available.

#### **Specified substance(s)**

Dipotassium EDTA	No data available.
Benzenesulfonyl fluoride, 4-(2-aminoethyl)-, hydrochloride	No data available.

### **Aquatic Invertebrates**

**Product:** No data available.

#### **Specified substance(s)**

Dipotassium EDTA	No data available.
Benzenesulfonyl fluoride, 4-(2-aminoethyl)-, hydrochloride	No data available.

### **Toxicity to Aquatic Plants**

**Product:** No data available.

#### **Specified substance(s)**

Dipotassium EDTA	No data available.
Benzenesulfonyl fluoride, 4-(2-aminoethyl)-, hydrochloride	No data available.

## **12.2 Persistence and Degradability**



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### **Biodegradation**

**Product:** No data available.

#### **Specified substance(s)**

Dipotassium EDTA No data available.  
Benzenesulfonyl fluoride, 4-(2-aminoethyl)-, hydrochloride No data available.

### **BOD/COD Ratio**

**Product** No data available.

#### **Specified substance(s)**

Dipotassium EDTA No data available.  
Benzenesulfonyl fluoride, 4-(2-aminoethyl)-, hydrochloride No data available.

### **12.3 Bioaccumulative potential**

**Product:** No data available.

#### **Specified substance(s)**

Dipotassium EDTA No data available.  
Benzenesulfonyl fluoride, 4-(2-aminoethyl)-, hydrochloride No data available.

### **12.4 Mobility in soil:**

**Product:** No data available.

#### **Specified substance(s)**

Dipotassium EDTA No data available.  
Benzenesulfonyl fluoride, 4-(2-aminoethyl)-, hydrochloride No data available.

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

**Product:** No data available.

#### **Specified substance(s)**

Dipotassium EDTA No data available.

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Benzenesulfonyl fluoride, 4-(2-aminoethyl)-, hydrochloride      No data available.

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

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**General information:**      No data available.

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

**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.  
Hazard No. (ADR):      Not regulated.  
Tunnel restriction code:      Not regulated.
- 14.4 Packing Group:      Not regulated.





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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.

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.

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14.4 Packing Group: Not regulated.  
14.5 Environmental Hazards: Not regulated.  
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. 850/2004 on persistent organic pollutants:** none

**Regulation (EC) No. 689/2008 Import and export of dangerous chemicals:** none

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

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**II: Pollutants:** none

**Directive 98/24/EC on the protection of workers from the risks related to chemical agents at work:** none

**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

H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.

**Training information:** No data available.

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

Acute Tox. 4, H332

Skin Corr. 2, H315

**Issue Date:** 27.07.2018  
**SDS No.:**



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