

SAFETY DATA SHEET

Regulation REACH (CE) No. 1907/2006 - Version 2.0 – Creation date: 01/12/2016 - Revision date: 04/06/2019

instaBAG[®] BPW-EPT

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name: **instaBAG[®] BPW-EPT 90 mL and 225mL**
Substance: Buffered Peptone Water
Reference: 114 090 and 114 225

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

Identified uses: Laboratory chemicals. Media for Microbiology

1.3. Details of the supplier of the safety data sheet

Company: INTERSCIENCE
30 chemin du Bois des Arpents
78860 St Nom la Bretèche
France
Telephone: +33 (0)1 34 62 62 61
Fax: +33 (0)1 34 62 43 03
e-mail Address: info@interscience.com

1.4. Emergency telephone number: +33 (0)1 45 42 59 59 (I.N.R.S.)

SECTION 2: HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Not a hazardous substance according to Regulation (CE) n°1272/2008.

2.2. Label elements None

2.3. Other hazards None

This preparation contains no substance considered to be persistent, bioaccumulating nor toxic

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance

Not applicable

3.2. Composition/components information

Component	CAS	Concentration % w/w	Classification
Peptone	N/A	49.7	Non-Hazardous
Sodium chloride	7647-14-5	24.9	Non-Hazardous
Disodium phosphate, anhydrous	7558-79-4	17.9	Non-Hazardous
Potassium dihydrogen phosphate	7778-77-0	7.5	Non-Hazardous
TOTAL		100	

CLP classification – : -
 Regulation (CE) n°1272/2008
 Full text of Hazard Statements: see section 16

SECTION 4: FIRST AID MESURES**4.1. Description of the first aid measures**

Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.
Skin Contact:	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.
Ingestion:	Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.
Inhalation:	Move to fresh air. Get medical attention immediately if symptoms occur.
Protection of First-aiders:	No special precautions required.

4.2. Most important symptoms and effects, both acute and delayed

None reasonably foreseeable. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

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

Notes to Physician Treat symptomatically.

SECTION 5: FIRE FIGHTING MESURES**5.1. Extinguishing media****Suitable extinguishing media**

Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.

Extinguishing media which must not be used for safety reasons

None

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors.

Hazardous Combustion Products

None under normal use conditions

5.3. Advice for firefighters

Wear self-contained breathing apparatus and full protective gear if necessary

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment. Avoid dust formation.

6.2. Environmental precautions

Should not be released into the environment. See Section 12 for additional ecological information.

6.3. Methods and material for containment and cleaning up

Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid dust formation.

6.4. Reference to other sections

Refer to protective measures listed in Sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Provide appropriate exhaust ventilation in place where dust is formed. Normal measures for preventive fire protection.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Wash hands before breaks and at the end of workday.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

Use in laboratories

SECTION 8: EXPOSURE CONTROL: PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

It doesn't contain substances with occupational exposure limit value.

8.2 Exposure controls

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Varies	
Physical State	Powder Solid	
Odour	No information available	
Odour Threshold	No data available	
pH	Not applicable	
Melting Point/Range	No data available	
Softening Point	No data available	
Boiling Point/Range	Not applicable	
Flash Point	Not applicable	Method - No information available
Evaporation Rate	Not applicable	Solid
Flammability (solid, gas)	No information available	
Explosion Limits	No data available	
Vapor Pressure	No data available	
Vapor Density	Not applicable	Solid
Specific Gravity / Density	No data available	
Bulk Density	No data available	
Water Solubility	Soluble in water	
Solubility in other solvents	No information available	
Partition Coefficient (n-octanol/water)	No data available	
Autoignition Temperature	No information available	
Decomposition Temperature	No information available	
Viscosity	Not applicable	Solid
Explosive Properties	No information available	
Oxidizing Properties	No information available	

9.2. Other information

No information available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

None known, based on information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous Polymerization

Hazardous polymerization does not occur.

Hazardous Reactions

None under normal processing.

10.4. Conditions to avoid

Incompatible products. Excess heat. Avoid dust formation.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

None under normal use conditions.

SECTION 11: TOXICOLOGICAL INFORMATIONS

11.1. Information on toxicological effects

Product Information Product does not present an acute toxicity hazard based on known or supplied information

(a) acute toxicity;
Oral Not Classified
Dermal Not Classified
Inhalation Not Classified

Toxicology data for the components

(b) skin corrosion/irritation; Not Classified

(c) serious eye damage/irritation Not Classified

(d) respiratory or skin sensitization;

Respiratory Not Classified
Skin Not Classified

(e) germ cell mutagenicity; Not Classified

(f) carcinogenicity; Not Classified
 There are no known carcinogenic chemicals in this product

(g) reproductive toxicity; Not Classified

(h) STOT-single exposure; Not Classified

(i) STOT-repeated exposure; Not Classified
 Target Organs None.

(j) aspiration hazard; Not applicable
 Solid

Symptoms / effects, both acute and delayed

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

SECTION 12: ECOLOGICAL INFORMATIONS

12.1. Toxicity

Ecotoxicity effects Contains no substances known to be hazardous to the environment or that are Not degradable in waste water treatment plants.

12.2. Persistence and degradability

Expected to be biodegradable. Persistence Soluble in water, Persistence is unlikely, based on information available.

12.3. Bioaccumulative potential

Bioaccumulation is unlikely

12.4. Mobility in soil	The product is water soluble, and may spread in water systems Will likely be mobile in the environment due to its water solubility. Highly mobile in soils
12.5. Results of PBT and vPvB assessment	This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).
12.6. Other adverse effects	
Endocrine Disruptor Information	This product does not contain any known or suspected endocrine disruptors
Persistent Organic Pollutant	This product does not contain any known or suspected substance
Ozone Depletion Potential	This product does not contain any known or suspected substance

SECTION 13: DISPOSAL CONSIDERATION

13.1. Waste treatment methods

Waste from Residues / Unused Products

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

Contaminated Packaging Empty remaining contents. Dispose of in accordance with local regulations. Do not re-use empty containers.

European Waste Catalogue (EWC) According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

Other Information Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: TRANSPORT INFORMATION

14.1. UN Number ADR/RID: N/A - IMDG: N/A - IATA: N/A

14.2. UN proper shipping name
ADR/RID: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods

14.3. Transport hazard class(es)
ADR/RID: N/A - IMDG: N/A - IATA: N/A

14.4. Packaging group ADR/RID: N/A - IMDG: N/A - IATA: N/A

14.5. Environmental hazards
ADR/RID: no IMDG Marine pollutant : no IATA : no

14.6. Special precaution for user
No special precautions required

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable, packaged goods

SECTION 15: REGULATORY INFORMATION

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

International inventories

The product is compliant with the requirements of regulation 1999/45/CE. No information available for U.S.A. (TSCA) Canada (DSL/NDL) Europe (EINECS/ELINCS/NLP) Australia (AICS) Korea (ECL) China (IECSC) Japan (ENCS) Philippines (PICCS)

National regulation

Take note of directive 98/24/CE concerning health and safety of workers from the risks related to chemical agents at work

15.2. Chemical Safety Assessment

Chemical Safety Assessment/Reports (CSA/CSR) are not required for mixtures

SECTION 16: OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It doesn't represent any guarantee of the properties of the product.

INTERSCIENCE shall not be held liable for any damage resulting from handling or from contact with the above product

End of Safety Data Sheet