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# SAFETY DATA SHEET

## SDS

## PBS isotonic buffer 20X concentrate

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### 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Product identifiers

Product Name: **PBS isotonic buffer; 20X concentrate**

Product number: NB303

Brand: **Innovex**

Manufacturer: Innovex Biosciences Inc.

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

Identified uses: Use in laboratories - Professional.

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

Company name: Innovex Biosciences Inc.  
1099 Essex Ave.  
Richmond CA 94801  
USA

Telephone: 1-800-622-7808

Fax: 510-234-4591

#### 1.4 Emergency telephone number

Emergency Tel: 510-234-6600

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### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

**Classification under CHIP:** This product has no classification under CHIP.

**Classification under CLP:** This product has no classification under CLP.

#### 2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

#### 2.3 Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Mixtures**

No components need to be disclosed according to the applicable regulations.

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**4. FIRST AID MEASURES**

**4.1 Description of first aid measures**

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Flush eyes with running water for 15 minutes.

**Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water.

**Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration.

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

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** No symptoms.

**Delayed / immediate effects:** No data available.

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

Not applicable.

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**5. FIRE-FIGHTING MEASURES**

**5.1 Extinguishing media**

Suitable extinguishing media for the surrounding fire should be used.

**5.2 Special hazards arising from the substance or mixture**

Not applicable.

**5.3 Advice for fire-fighters**

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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**6. ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**

Avoid breathing vapors, mist or gas.  
Turn leaking containers leak-side up to prevent the escape of liquid.  
For personal protection see section 8.

**6.2 Environmental precautions**

Do not discharge into drains or rivers. Contain the spillage using bonding.

**6.3 Methods and materials for containment and cleaning up**

**Clean-up procedures**

Absorb into dry earth or sand. Transfer to a closable, labeled salvage container for disposal by an appropriate method.

**6.4 Reference to other sections**

See section 8 and section 13 of SDS.

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**7. HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Avoid direct contact with the substance.

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

Store in cool area.

Recommended storage temperature: Room temperature storage.

**7.3 Specific end use(s)**

Use in laboratories - Professional.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**8.1 Control parameters**

**Exposure limit:** No data available.

**DNEL/PNEC Values**

**DNEL / PNEC:** No data available.

**8.2 Exposure controls**

**Engineering measures:** General industrial hygiene practice. Ensure engineering measures mentioned in section 7 of SDS are in place.

**Personal protection equipment**

**Respiratory Protection:** Respiratory protection not required.

**Eye protection:** Safety glasses. Ensure eye flushing at hand.

**Skin protection:** Protective clothing.

**Hand protection:** Handle with protective gloves.

**Environmental:** Prevent from entering into the immediate environment.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

**State:** Liquid

**Color:** Colorless

**Odor:** Odorless

**pH:** No data available

**Evaporation Rate:** No data available

**Oxidizing Properties:** No data available

**Solubility in water:** No data available

**Melting point/range °c :** No data available

**Viscosity:** No data available

**Boiling point/range °c :** No data available

**Flammability (solid/gas):** No data available

**Flammability (upper/lower) limit:** No data available

**Flash point °c :** No data available

**Auto-ignition temperature °c:** No data available

**Relative density:** No data available

**VOC g/l:** No data available

**Partition coefficient: n-octanol/water:** No data available

**Vapor pressure:** No data available

**Explosive properties:** No data available

**9.2 Other information:** Not applicable.

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable under recommended transport or storage conditions.

**10.2 Chemical stability**

Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

**10.4 Conditions to avoid**

Heat; Freezing

**10.5 Incompatible Materials**

Strong oxidizing agents. Strong acids.

**10.6 Hazardous decomposition products**

No data available.

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**11. TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

**Toxicity value:** No data available.

**Symptoms / routes of exposure**

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Inhalation:** No symptoms

**Ingestion:** There may be irritation of the throat.

**Delayed / immediate effects:** No data available.

**Other information:**

To the best of our knowledge, the chemical, physical, and the toxicological properties have not been thoroughly investigated.

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**12. ECOLOGICAL INFORMATION**

**12.1 Toxicity:** No data available.

**12.2 Persistence and degradability:** Biodegradable.

**12.3 Bioaccumulative potential:** No bioaccumulation potential.

**12.4 Mobility in soil:** Readily absorbed into soil.

**12.5 Results of PBT and vPvB assessment**

**PBT identifications:** This product is not identified as a PBT substance.

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

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## 13. DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods**

**Disposal methods:** Transfer to a suitable container and arrange for collection by licensed disposal company.

**Disposal of packaging:** Clean with water. Dispose of as normal industrial waste. The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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## 14. TRANSPORT INFORMATION

**Transport Information:**

**DOT (US)**

This substance is considered to be non-hazardous for transport

**IATA**

Non-Hazardous for Air Transport

**IMDG**

Not dangerous goods.

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## 15. REGULATORY INFORMATION

**SARA 302 Components**

SARA 302: No chemicals in this material are subjected to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards**

No SARA Hazards.

**Pennsylvania Right To Know Components**

Water	CAS-No. 7732-18-5
Sodium chloride	7647-14-5

**New Jersey Right To Know Components**

Water	CAS-No. 7732-18-5
Sodium chloride	7647-14-5

**California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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**16. OTHER INFORMATION**

**HMIS Rating**

Health hazard: 0  
Flammability: 0  
Reactivity: 0

**NFPA Rating**

Health hazard: 0  
Flammability: 0  
Reactivity: 0

**Legal disclaimer:**

The above information is believed to be correct but does not purport to be all-inclusive and shall only be used as a guide. Innovex Biosciences, Inc. shall not be held liable for any damage resulting from contact or from handling the above product. Users should make their own investigations to determine the suitability of the information for their specific purposes.