

**MATERIAL SAFETY DATA SHEET**  
(MSDS)



<b>PRODUCT NAME:</b>	<b>PBS Buffer Elution Fluid</b>
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**SECTION 1 - MANUFACTURER**

InnovaPrep 132 East Main Street Drexel, MO 64742 Telephone (816) 619-3375	<b>Emergency Telephone Number</b> (816) 619-3375 – Days
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**SECTION 2 – SHIPPING AND HANDLING INFORMATION**

For Handling and Storing:	<p><b>Handling:</b> Avoid contact with eyes, skin and clothing. Avoid inhalation. Follow Normal Measures For Prevent Fire.</p> <p><b>Shipping:</b> Classification: Aerosol - non flammable UN # 1950 Non-flammable 2.2 Packing group: 203</p> <p><b>Recommended Storage Conditions:</b> Room temperature</p>
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**SECTION 3 – HAZARDOUS INGREDIENTS**

PBS	CAS # N/A
Tween 20 (0.075%)	CAS #9005-64-5
Carbon dioxide	CAS #124-38-9

**SECTION 4 – PHYSICAL CHARACTERISTICS**

Appearance	Colorless liquid
Odor	Odorless
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**SECTION 5 – FIRE AND EXPLOSION DATA**

Flammable properties:	Data not available
Extinguishing Medium:	Use Water Spray, Alcohol-Resistant Foam, Dry Chemical Or Carbon Dioxide.
Special Protective Equipment For Fire-Fighters:	Wear Self Contained Breathing Apparatus For Fire Fighting If Necessary.
Unusual Fire/Explosion Hazards:	Contents under pressure 150 psi

Hazard Rating: Health: 0  
Flammability : 1  
Reactivity: 0  
(3 = "Moderate" Hazard) (0 = "Least" Hazardous)

#### SECTION 6 – REACTIVITY DATA

**Stability:** Stable under recommended conditions

#### SECTION 7 – HEALTH HAZARD DATA

##### Acute health effects and routes of potential entry, plus symptoms of overexposure.

**EYES:** May cause irritation to eyes  
**INGESTION:** May cause irritation to mucous membranes and upper respiratory tract  
**INHALATION:** May be harmful if inhaled  
**SKIN:** May irritate skin

#### FIRST AID PROCEDURES

##### Routes of Entry (Emergency and First Aid Procedures)

**EYES:** Immediately Flush Eyes With Copious Amounts Of Water For At Least 15 Minutes. Assure Adequate Flushing By Separating The Eyelids With Fingers. Call A Physician.  
**INHALATION:** Remove to fresh air. Give artificial respiration if not breathing. Call A Physician.  
**INGESTION:** If Swallowed, Wash Out Mouth With Water Provided Person Is Conscious. Call A Physician.  
**SKIN:** Flush exposed area immediately with water for at least 15 minutes. Get medical attention.

#### SECTION 8 – SPILL OR LEAK PROCEDURES

In case material is released/spilled: Wear protective equipment, spread absorbent material on spill to soak up and shovel into waste container.

Waste Disposal Method: Dispose Of Any Unused Material. Observe All Federal, State And Local Environmental Regulations

#### SECTION 9 – SPECIAL PROTECTION INFORMATION

**Respiratory:** NIOSH/MSHA approved air supplied respirator.

**Ventilation** Provide sufficient ventilation

**Skin Protection:** Protective Gloves

**Eye Protection:** Chemical Safety Goggles

**Warranty**

The Above Information Is Believed To Be Correct But Does Not Purport To Be All Inclusive And Shall Be Used Only As A Guide. InnovaPrep Shall Not Be Held Liable For Any Damage Resulting From Handling Or From Contact With The Above Product.