



Safety Data Sheet

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Section 1-Product Information

Product Name 10% BSA in Phosphate buffered saline (10X)
Product Cat. No. RE-DILU-P-100

Section 2-Composition / Information on Ingredients

Substance Name Mixture. 10% BSA in Phosphate buffered saline (10X)
Ingredient Name Phosphate, Sodium Chloride, Tween-20, BSA
CAS No. No
SARA 313 No

Section 3- Hazards Identification

Emergency Overview

OSHA Hazards No known OSHA hazards
Irritant May be harmful and cause eyes, respiratory system and skin irritation.

HMIS Rating

Health 0
Flammability 0
Reactivity 0
NFPA Rating
Health 0
Flammability 0
Reactivity 0

For additional information on toxicity, please refer to Section 11.

Section 4- First Aid Measures

Oral Exposure If swallowed, wash out mouth with water. Never give anything by mouth to an unconscious person. Call a physician if necessary.
Inhalation Exposure If inhaled, remove person to fresh air. If not breathing give artificial respiration. In case of skin contact, immediately wash skin with soap and copious amounts of water.
Dermal Exposure In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.
Eye Exposure

Section 5- Fire Fighting Measures

Autoignition Temp No data available
Flammability No data available
Extinguishing Media Suitable Water spray. Carbon dioxide, dry chemical, or appropriate alcohol-resistant foam.
Fire Fighting
Protective Equipment Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Section 6- Accidental Release Measures

Personal Precaution(s) Avoid breathing vapors, mist or gas
Environmental Precaution(s) Do not let product enter drains

Methods for Cleaning up Keep in suitable, closed containers for disposal.

Section 7-Handling and Storage

Handling Normal measure for preventive fire protection

User Exposure Do not breathe vapor. Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure.

Storage Keep container tightly closed in a dry and well –ventilated place, Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section 8-Exposure Controls/Personal Protection Equipment

Personal Protective Equipment Contains no substances with occupational exposure limit values

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN(EU). Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator.

Respiratory

Hand Compatible chemical-resistant gloves.

Eye Chemical safety goggles.

General Hygiene Measures General industrial hygiene practice. Wash contaminated clothing before reuse. Wash thoroughly after handling.

Section 9- Physical and Chemical Properties

Appearance

Physical State Clear Liquid

Property

PH 8.0

BP/BP Range N/A

MP/MP Range N/A

Flash Point N/A

Explosion Limits N/A

Flammability N/A

Autoignition Temp N/A

Miscellaneous Data N/A

Solubility N/A

Notes: N/A= Not Available

Section 10- Stability and Reactivity

Storage Stability Stable under recommended storage conditions

Materials to Avoid: Strong oxidizing agents

Hazardous Decomposition Products Phosphorous oxides.

Section 11- Toxicological Information

Acute toxicity No data available

Irritation and Corrosion No data available

Sensitization No data available

Chronic Exposure	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC
IARC	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH
ACGIH	
Route of Exposure	
Skin	May be harmful if absorbed through the skin. May cause irritation.
Eye Contact	May cause eye irritation.
Inhalation	Material may be irritating to mucous membranes and upper respiratory tract, May be harmful if inhaled.
Ingestion	May be harmful if swallowed.
Signs and Symptoms of Exposure	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Conditions Aggravated by Exposure	The toxicological properties have not been thoroughly investigated.

Section 12- Ecological Information

No data available.

Section 13- Disposal Considerations

Appropriate Method of Disposal of Substance or Preparation	Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.
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Section 14- Transport Information

DOT (US)	Not dangerous goods
IMDG	This substance is considered to be non-dangerous goods
IATA	Not dangerous goods

Section 15- Regulatory Information

OSHA Hazards	No known OSHA hazards
DSL Status	All components of this product are on the Canadian DSL list
SARA 302 Components	No chemicals in this product are subject to the reporting requirements of SARA Title III, section 302 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 313 Components	No SARA hazards
SARA 311/312 Hazards	
Massachusetts Right to Known Components	No components are subject to the Massachusetts Right to Know Act
California Prop. 65 Components	This product does not contain any chemicals known to the state of California to cause cancer, birth, or any other reproductive defects

Section 16- Other Information

Disclaimer:	For R&D use only. Not for drug, household or other uses.
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