

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS NAME: TRIS- BUFFERED SALINE with Tween 20
CATALOG NUMBER: IBB-180, IBB-181
COMPANY IDENTIFICATION: BOSTON BIOPRODUCTS, INC
9 SHORT STREET, WORCESTER, MA 01604

SECTION 2 – COMPOSITION, INFORMATION ON INGREDIENTS

CAS # None
Tris-HCL ~6%
Sodium Chloride 8.5%
Tween-20 0.5%-1%

SECTION 3 - HAZARDS IDENTIFICATION

SPECIAL INDICATION OF HAZARDS TO HUMANS AND THE ENVIRONMENT

This product is classified as non-hazardous.

SECTION 4-FIRST-AID MEASURES

AFTER INHALATION - If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
AFTER SKIN CONTACT - In case of contact, immediately wash skin with soap and copious amounts of water.
AFTER EYE CONTACT - In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.
AFTER INGESTION - If swallowed, wash out mouth with water provided person is conscious. Call a physician.

SECTION 5-FIRE FIGHTING MEASURES

Non-Flammable

SECTION 6-ACCIDENTAL RELEASE MEASURES

PROCEDURE(S) OF PERSONAL PRECAUTION(S) - Exercise appropriate precautions to minimize direct contact with skin or eyes.

METHODS FOR CLEANING UP - Mop up, place in waste disposal. Wash spill site after material pickup is complete.

SECTION 7-HANDLING AND STORAGE

HANDLING - Directions for Safe Handling: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

STORAGE - Conditions of Storage: Keep tightly closed.

SECTION 8-EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS - Safety shower and eye bath.

GENERAL HYGIENE MEASURES - Wash thoroughly after handling.

PERSONAL PROTECTIVE EQUIPMENT - Hand Protection: Protective gloves. Eye Protection: Chemical safety goggles.

SECTION 9-PHYSICAL AND CHEMICAL PROPERTIES

Appearance Physical State: Liquid

Property Value At Temperature or Pressure

pH 7.4

BP/BP Range N/A	MP/MP Range N/A	Flash Point N/A	Flammability N/A
Autoignition Temp N/A	Oxidizing Properties N/A	Explosive Properties N/A	Explosion Limits N/A
Vapor Pressure N/A	Partition Coefficient N/A	Viscosity N/A	Vapor Density N/A
Saturated Vapor Conc. N/A	Evaporation Rate N/A	Bulk Density N/A	Decomposition Temp. N/A

Solvent Content N/A	Water Content N/A	Surface Tension N/A	Conductivity N/A
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Miscellaneous Data N/A	Solubility N/A
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SECTION 10-STABILITY AND REACTIVITY

STABILITY - Stable, Materials to Avoid: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS - Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide.

HAZARDOUS POLYMERIZATION - Hazardous Polymerization: Will not occur

SECTION 11-TOXICOLOGICAL INFORMATION

ROUTE OF EXPOSURE - Skin Contact: May cause skin irritation. Skin Absorption: May be harmful if absorbed through the skin. Eye Contact: May cause eye irritation. Inhalation: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract. Ingestion: May be harmful if swallowed.

SECTION 12- ECOLOGICAL INFORMATION

No data available.

SECTION 13-DISPOSAL CONSIDERATIONS

Observe all federal, state, and local environmental regulations.

SECTION 14-TRANSPORT INFORMATION

RID/ADR - Non-hazardous for road transport.

IMDG - Non-hazardous for sea transport.

Non-hazardous for air transport.

CONTACT BOSTON BIOPRODUCTS, INC. FOR TRANSPORTATION INFORMATION.

SECTION 15- REGULATORY INFORMATION

Data not Available

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