

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name: Tris Buffered saline

Catalog Numbers: BM-300, BM-301, BM-301A, BM-301B

Company Identification: Boston BioProducts, Inc. 9 Short Street. Worcester, MA 01604

SECTION 2 – COMPOSITION, INFORMATION ON INGREDIENTS

Product	%	Cas#
Tris,	5-10%	77-86-1
Sodium Chloride,	8.5-10%	7647-14-5
Potassium chloride,	~0-0.2%	7447-40-7
HCL	~3-6%	7647-01-0

SECTION 3 - HAZARDS IDENTIFICATION

Data not Available

SECTION 4-FIRST-AID MEASURES

IF SWALLOWED WASH OUT MOUTH WITH WATER (IF PERSON IS CONSCIOUS). CALL A PHYSICIAN. IF INHALED, REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT, CALL A PHYSICIAN. IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS AMOUNTS OF WATER. 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.

SECTION 5-FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

WATER SPRAY.

CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6-ACCIDENTAL RELEASE MEASURES

WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES. SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION 7-HANDLING AND STORAGE

REFER TO SECTION 8.

SECTION 8-EXPOSURE CONTROLS/PERSONAL PROTECTION

SAFETY SHOWER AND EYE BATH.

MECHANICAL EXHAUST REQUIRED, AVOID INHALATION.

AVOID CONTACT WITH EYES, SKIN AND CLOTHING.

AVOID PROLONGED OR REPEATED EXPOSURE.

NIOSH/MSHA-APPROVED RESPIRATOR.

COMPATIBLE CHEMICAL-RESISTANT GLOVES.

CHEMICAL SAFETY GOGGLES, KEEP TIGHTLY CLOSED.

STORE IN A COOL DRY PLACE, WASH THOROUGHLY AFTER HANDLING.

SECTION 9-PHYSICAL AND CHEMICAL PROPERTIES

NO DATA AVAILABLE

SECTION 10-STABILITY AND REACTIVITY

STABILITY-STABLE.

INCOMPATIBILITIES-STRONG OXIDIZING AGENTS

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS-CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES, AMMONIA

HAZARDOUS POLYMERIZATION-WILL NOT OCCUR.

SECTION 11-TOXICOLOGICAL INFORMATION

ACUTE EFFECTS: MAY CAUSE SKIN IRRITATION. MAY CAUSE EYE IRRITATION.

MATERIAL MAY BE IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT. MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION. TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

SECTION 12- ECOLOGICAL INFORMATION

DATA NOT AVAILABLE.

SECTION 13-DISPOSAL CONSIDERATIONS

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.

SECTION 14-TRANSPORT INFORMATION

CONTACT BOSTON BIOPRODUCTS FOR TRANSPORTATION INFORMATION.

SECTION 15- REGULATORY INFORMATION

Data not Available

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