

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS NAME: Laemmli's Buffer Reducing
CATALOG NUMBER: BP-111R, BP-110R
COMPANY IDENTIFICATION: BOSTON BIOPRODUCTS, INC
9 SHORT STREET, WORCESTER, MA 01604

SECTION 2 – COMPOSITION, INFORMATION ON INGREDIENTS

Tris-HCL (3-4.5%), Glycerol (40-48%), Beta ME (4%) and SDS (8-9 %%)

SECTION 3 - HAZARDS IDENTIFICATION

Irritant

Primary route of entry Skin or Eye contact
Large doses of SDS can cause nausea, diarrhea

SECTION 4-FIRST-AID MEASURES

IF SWALLOWED, WASH OUT MOUTH WITH WATER, PROVIDED PERSON IS CONSCIOUS.
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.

THIS MATERIAL, LIKE MOST MATERIALS IN POWDER FORM, IS CAPABLE OF CREATING A DUST EXPLOSION.

SECTION 6-ACCIDENTAL RELEASE MEASURES

WEAR PROTECTIVE EQUIPMENT.

ABSORB ON SAND OR VERMICULITE AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL.

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

Color	Blue
Appearance	Liquid
Oder	Pungent
pH	~6.8

EPA TSCA SECTION 8(D) UNPUBLISHED HEALTH/SAFETY STUDIES
EPA TSCA TEST SUBMISSION (TSCATS) DATA BASE, SEPTEMBER 1999

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