

MATERIAL SAFETY DATA SHEET

Section 1 - Chemical Product and Company Identification

MSDS Name: Stripping Buffer

Catalog Numbers: BP-96

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

Section 2 – Composition, Information on Ingredients

Tris-HCL Cas# 77-86-1 ~3%

SDS- 151-21-3 8%

Section 3 - Hazards Identification

LABEL PRECAUTIONARY STATEMENTS

HARMFUL (EU)

HARMFUL BY INHALATION AND IF SWALLOWED.

MAY CAUSE SENSITIZATION BY INHALATION.

IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

RISK OF SERIOUS DAMAGE TO EYES.

STERNUTATOR.

TARGET ORGAN(S):

LUNGS

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.

WEAR SUITABLE PROTECTIVE CLOTHING.

DO NOT BREATHE DUST.

Section 4 - First Aid Measures

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

CALL A PHYSICIAN.

IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

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.

EVACUATE AREA.

Section 7 - Handling and Storage

REFER TO SECTION 8.

Section 8- EXPOSURE CONTROLS/PERSONAL PROTECTION-

USE ONLY IN A CHEMICAL FUME HOOD.

SAFETY SHOWER AND EYE BATH.

WASH THOROUGHLY AFTER HANDLING.

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.
TOXIC.
IRRITANT.
STRONG SENSITIZER.
STERNUTATOR.

Section 9- Physical and Chemical Properties

PHYSICAL PROPERTIES
MELTING POINT: 204 - 207 C

Section 10-Stability and Reactivity

INCOMPATIBILITIES
STRONG OXIDIZING AGENTS
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
CARBON MONOXIDE, CARBON DIOXIDE
SULFUR OXIDES
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

Section 11.-Toxicological Information

ACUTE EFFECTS
CAUSES SKIN IRRITATION.
MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN.
CAUSES SEVERE EYE IRRITATION.
HARMFUL IF INHALED.
MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER
RESPIRATORY TRACT.
HARMFUL IF SWALLOWED.
MAY CAUSE ALLERGIC RESPIRATORY REACTION.
SYMPTOMS OF EXPOSURE MAY INCLUDE BURNING SENSATION, COUGHING,
WHEEZING, LARYNGITIS, SHORTNESS OF BREATH, HEADACHE, NAUSEA AND
VOMITING.
THE SODIUM SALT OF DODECYL SULFATE HAS BEEN REPORTED TO CAUSE
PULMONARY SENSITIZATION RESULTING IN HYPERACTIVE AIRWAY DYSFUNCTION
AND PULMONARY ALLERGY ACCOMPANIED BY FATIGUE, MALAISE AND ACHING.
SIGNIFICANT SYMPTOMS OF EXPOSURE CAN PERSIST FOR MORE THAN TWO YEARS
AND CAN BE ACTIVATED BY A VARIETY OF NONSPECIFIC ENVIRONMENTAL STIMULI
SUCH AS AUTOMOBILE EXHAUST, PERFUMES AND PASSIVE SMOKING.
CAUSES SNEEZING. DO NOT INHALE.

CHRONIC EFFECTS
TARGET ORGAN(S):
LUNGS

RTECS #: WT1050000

SULFURIC ACID, MONODODECYL ESTER, SODIUM SALT
IRRITATION DATA

SKN-HMN 250 MG/24H MLD	TXAPA9 31,481,1975
SKN-HMN 25 MG/24H MLD	JSCCA5 23,371,1972
SKN-MUS 25 MG/24H MOD	JSCCA5 23,371,1972
SKN-DOG 25 MG/24H MLD	JSCCA5 23,371,1972
SKN-RBT 50 MG/24H SEV	BIOFX* 23-3/1971
SKN-RBT 25 MG/24H MOD	JSCCA5 23,371,1972
SKN-RBT 250 MG/24H MOD	TXAPA9 31,481,1975
SKN-RBT 10 MG/24H	DCTODJ 1,305,1978
SKN-RBT 50 MG/24H MLD	TXAPA9 21,369,1972

EYE-RBT 100 MG/24H MOD	28ZPAK -,305,1972
EYE-RBT 250 UG MLD	AROPAW 34,99,1945
EYE-RBT 2 MG	DCTODJ 1,305,1978
EYE-RBT 10 MG MOD	TXAPA9 55,501,1980
SKN-PIG 25 MG/24H MLD	JSCCA5 23,371,1972
SKN-GPG 25 MG/24H MLD	JSCCA5 23,371,1972
TOXICITY DATA	
ORL-RAT LD50:1288 MG/KG	FCTXAV 5,763,1967
IHL-RAT LC50:>3900 MG/M3/1H	BIOFX* 23-3/1971
IPR-RAT LD50:210 MG/KG	PSTGAW 3,1,1945
IVN-RAT LD50:118 MG/KG	JPMSAE 52,803,1963
IPR-MUS LD50:250 MG/KG	JAPMA8 42,283,1953
IVN-MUS LD50:118 MG/KG	JPMSAE 52,803,1963

TARGET ORGAN DATA

BEHAVIORAL (SOMNOLENCE)

BEHAVIORAL (CHANGE IN MOTOR ACTIVITY)

VASCULAR (REGIONAL OR GENERAL ARTERIOLAR OR VENOUS DILATION)

EFFECTS ON EMBRYO OR FETUS (FETOTOXICITY)

ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES (RTECS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR COMPLETE INFORMATION.

Section 12- Ecological Information

No information 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, INC. FOR TRANSPORTATION INFORMATION.

Section 15-Regulatory Information

EUROPEAN INFORMATION

HARMFUL R 20/22

HARMFUL BY INHALATION AND IF SWALLOWED. R 42

MAY CAUSE SENSITIZATION BY INHALATION. R 36/37/38

IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN. R 41

RISK OF SERIOUS DAMAGE TO EYES. S 26

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE. S 36

WEAR SUITABLE PROTECTIVE CLOTHING. S 22

DO NOT BREATHE DUST.

REVIEWS, STANDARDS, AND REGULATIONS

OEL=MAK

EPA FIFRA 1988 PESTICIDE SUBJECT TO REGISTRATION OR RE-REGISTRATION

FEREAC 54,7740,1989

NOHS 1974: HZD 81990; NIS 167; TNF 32028; NOS 113; TNE 388848

NOES 1983: HZD 81990; NIS 232; TNF 46312; NOS 170; TNE 886968; TFE 415360

EPA TSCA SECTION 8(B) CHEMICAL INVENTORY

EPA TSCA SECTION 8(D) UNPUBLISHED HEALTH/SAFETY STUDIES

EPA TSCA SECTION 8(E) RISK NOTIFICATION, 8EHQ-0892-8800

EPA TSCA TEST SUBMISSION (TSCATS) DATA BASE, SEPTEMBER 1999

Disclaimer:

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