

# MATERIAL SAFETY DATA SHEET

## **SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MSDS NAME: 0.5 M EDTA  
CATALOG NUMBER: BM-150  
COMPANY IDENTIFICATION: BOSTON BIOPRODUCTS, INC.  
9 SHORT STREET, WORCESTER, MA 01604

## **SECTION 2 – COMPOSITION, INFORMATION ON INGREDIENTS**

CAS #: 6381-92-6  
SYNONYMS  
DISODIUM EDTA DIHYDRATE

## **SECTION 3 - HAZARDS IDENTIFICATION**

LABEL PRECAUTIONARY STATEMENTS  
HARMFUL  
HARMFUL IF SWALLOWED.  
IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.  
IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.  
WEAR SUITABLE PROTECTIVE CLOTHING.

## **SECTION 4-FIRST-AID MEASURES**

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.  
CALL A PHYSICIAN.  
IN CASE OF SKIN CONTACT, FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. CALL A PHYSICIAN.  
IF INHALED, REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT, CALL A PHYSICIAN.  
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 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**

CHEMICAL SAFETY GOGGLES.  
RUBBER GLOVES.  
NIOSH/MSHA-APPROVED RESPIRATOR.  
SAFETY SHOWER AND EYE BATH.  
MECHANICAL EXHAUST REQUIRED.

## **SECTION 9-PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE AND ODOR

LIQUID.

**SECTION 10-STABILITY AND REACTIVITY**

INCOMPATIBILITIES

STRONG OXIDIZING AGENTS

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

TOXIC FUMES OF:

CARBON MONOXIDE, CARBON DIOXIDE

NITROGEN OXIDES

**SECTION 11-TOXICOLOGICAL INFORMATION**

ACUTE EFFECTS

HARMFUL IF SWALLOWED.

MAY BE HARMFUL IF INHALED.

MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN.

CAUSES EYE AND SKIN IRRITATION.

MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER  
RESPIRATORY TRACT.

THE TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY  
INVESTIGATED.

RTECS #: AH4410000

ACETIC ACID, (ETHYLENEDINITRIL)TETRA-, DISODIUM SALT, DIHYDRATE  
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**

DATA NOT YET 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

CAUTION: SUBSTANCE NOT YET FULLY TESTED.

HARMFUL

R 22

HARMFUL IF SWALLOWED.

R 36/37/38

IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

S 26

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

S 36

WEAR SUITABLE PROTECTIVE CLOTHING.

REVIEWS, STANDARDS, AND REGULATIONS

OEL=MAK

NOES 1983: HZD X7050; NIS 13; TNF 1244; NOS 20; TNE 12572; TFE 8163

**Disclaimer:**

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