

# MATERIAL SAFETY DATA SHEET

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

MSDS NAME: Agarose gel loading dye

CATALOG NUMBER: BM-100S

Sucrose 40%

Bromophenol Blue 0.15%

Xylene Cyanol 0.15%

**SECTION 2 COMPANY IDENTIFICATION:** BOSTON BIOPRODUCTS, INC

9 SHORT STREET, WORCESTER, MA 01604

**3. HAZARD IDENTIFICATION Emergency Overview:** None of the components in this mixture have an established exposure limit, or contribute significantly to the hazards associated with the product. All hazard information pertinent to this product has been provided in the Material Safety Data Sheet per requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Symptoms of Over-Exposure by Route of Exposure:** No major adverse health effects should occur from routine occupation use of this material in the manner specified by the manufacturer's instruction. The only likely symptom of exposure would be reddening or inflammation after accidental injection.

## **SECTION 4-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

PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

## **SECTION 5-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 6-HANDLING AND STORAGE**

REFER TO SECTION 7

## **SECTION 7-EXPOSURE CONTROLS/PERSONAL PROTECTION**

CHEMICAL SAFETY GOGGLES.

RUBBER GLOVES.

NIOSH/MSHA-APPROVED RESPIRATOR.

SAFETY SHOWER AND EYE BATH.

MECHANICAL EXHAUST REQUIRED.

## **SECTION 8-PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE AND ODOR

DARK GREEN SOLN.

## **SECTION 9-STABILITY AND REACTIVITY**

INCOMPATIBILITIES

STRONG OXIDIZING AGENTS

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

TOXIC FUMES OF:

CARBON MONOXIDE, CARBON DIOXIDE

NITROGEN OXIDES

## **SECTION 10-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, (ETHYLENEDINITRILLO)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 11- ECOLOGICAL INFORMATION**

DATA NOT YET AVAILABLE.

**SECTION 12-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 13-TRANSPORT INFORMATION**

CONTACT BOSTON BIOPRODUCTS, INC. FOR TRANSPORTATION INFORMATION.

**SECTION 14- 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.

**Disclaimer:**

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