



## SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION

- 1.1. Product identifier
  - 1.1.1. Product Name: D/E Neutralizing Broth
  - 1.1.2. Product Number: M142
- 1.2. Relevant identified uses of the substance or mixture and uses advised against
  - 1.2.1. Use of the substance/preparation: For testing and neutralizing of antiseptics and disinfectants
  - 1.2.2. Use advised against: No information available
- 1.3. Company information
  - 1.3.1. Manufacturer: Millennium LifeSciences, Inc.
  - 1.3.2. Address: 970 E. Orangethorpe Ave. Unit A  
Anaheim, CA 92801
  - 1.3.3. Phone: 714.773.1726
  - 1.3.4. Emergency phone: 714.773.1726
  - 1.3.5. Email: [msds@culturemediaconcepts.com](mailto:msds@culturemediaconcepts.com)

### SECTION 2: HAZARD(S) IDENTIFICATION

- 2.1. Classification of the substance or mixture
  - 2.1.1. Classification: (REGULATION (EC) No 1272/2008) [CLP/GHS]
    - 2.1.1.1. Not classified as hazardous for supply
  - 2.1.2. Classification (29 CFR 1910.1200)
    - 2.1.2.1. Not classified as hazardous for supply
  - 2.1.3. Classification (WHMIS 2015 HPR)
    - 2.1.3.1. Not classified as hazardous for supply
  - 2.1.4. Additional information: For full text of Hazard-statements see Section 16.
- 2.2. Label elements
  - 2.2.1. Signal word: None
  - 2.2.2. Symbols: None
  - 2.2.3. Hazard phrases: None
  - 2.2.4. Precautionary phrases
    - 2.2.4.1. Keep container tightly closed
    - 2.2.4.2. Do not breathe dust
    - 2.2.4.3. Do not get in eyes, on skin, or on clothing
- 2.3. Other hazards:
  - 2.3.1. May cause minor irritation of the eyes and skin.
  - 2.3.2. May cause minor irritation to respiratory system.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1. Substances
- 3.2. Mixtures

This product is a mixture of the substances listed below with the addition of non-hazardous materials.

Chemical	Concentration	CAS No.	H-Statements	Symbols
Sodium Bisulfite	5-10%	7631-90-5	H302	GHS07
Sodium Thioglycollate	1-5%	367-51-1	H302, H315, H319	GHS07

## **SAFETY DATA SHEET**

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

- 4.1. First-aid measures**
  - 4.1.1. Contact with skin**
    - 4.1.1.1.** Remove contaminated clothing. Wash affected area with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Contaminated clothing should be laundered before reuse.
  - 4.1.2. Contact with eyes**
    - 4.1.2.1.** If substance has gotten into eyes, immediately wash out with plenty of water for at least 15 minutes. Irrigate eyes thoroughly while lifting eyelids. Seek medical advice if necessary.
  - 4.1.3. Ingestion**
    - 4.1.3.1.** If swallowed, wash mouth out with water provided person is conscious. Seek medical attention immediately.
  - 4.1.4. Inhalation**
    - 4.1.4.1.** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
- 4.2. Most important symptoms and effects, both acute and delayed**
  - 4.2.1.** The most important known symptoms are described in the labeling (see Section 2.2) and/or in Section 11.
- 4.3. Indication of any immediate medical attention and special treatment needed**
  - 4.3.1.** Treat symptomatically.

### **SECTION 5: FIRE-FIGHTING MEASURES**

- 5.1. Suitable Extinguishing Media**
  - 5.1.1.** In case of fire: use foam, carbon dioxide or dry agent for extinction
- 5.2. Special hazards arising from the substance or mixture**
  - 5.2.1.** Smoke from fires is toxic. Take precautions to protect personnel from exposure
  - 5.2.2.** Decomposition products may include carbon oxides
  - 5.2.3.** May form explosive dust/air mixtures
  - 5.2.4.** See Section 10
- 5.3. Recommendations for firefighters**
  - 5.3.1.** Keep container(s) exposed to fire cool, by spraying with water
  - 5.3.2.** Wear chemical protection suit and positive-pressure breathing apparatus
  - 5.3.3.** Wear protective clothing as per section 8
- 5.4. Hazardous Combustion Products**
  - 5.4.1.** May include carbon oxides

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

- 6.1. Personal precautions, protective equipment, and emergency procedures**
  - 6.1.1.** Shut off all ignition sources
  - 6.1.2.** Use non-sparking hand tools
  - 6.1.3.** Avoid raising dust
  - 6.1.4.** Remove contaminated clothing

## SAFETY DATA SHEET

- 6.1.5. Wear protective clothing as per Section 8
- 6.1.6. Wash thoroughly after dealing with spillage
- 6.2. Environmental Precautions
  - 6.2.1. Do not allow to enter public sewers and watercourses
  - 6.2.2. Avoid scattering in the environment
- 6.3. Methods and materials used for containment and cleaning up
  - 6.3.1. Contact safety officer and ventilate area, wash spill site after material pick-up is complete. Absorb spill with inert material and shovel up. Place in sealable container. Seal containers and label them. Seek expert advice for removal and disposal of all contaminated materials and wastes.
- 6.4. Reference to other sections
  - 6.4.1. See Section 7. For disposal, see Section 13.

### SECTION 7: HANDLING AND STORAGE

- 7.1. Precautions for safe handling
  - 7.1.1. Do not breathe dust.
  - 7.1.2. Avoid contact with eyes, skin, and clothing.
  - 7.1.3. Do not eat, drink or smoke when using this product.
  - 7.1.4. Ensure adequate ventilation.
  - 7.1.5. Eyewash bottles should be available.
  - 7.1.6. Wash hands thoroughly after using this substance.
- 7.2. Conditions for safe storage, including any incompatibilities
  - 7.2.1. Store at temperatures not exceeding 30°C/86°F. Keep cool.
  - 7.2.2. Store in a well-ventilated place. Keep container tightly closed.
  - 7.2.3. Store in a dry place.
  - 7.2.4. Keep away from oxidizing substances.
- 7.3. Specific end use(s)
  - 7.3.1. For testing and neutralizing of antiseptics and disinfectants

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1. Control Parameters
  - 8.1.1. Components with workplace control parameters

Component	CAS No.	Value	Control Parameters	Basis
Sodium Bisulfite	7631-90-5	TWA	5 mg/m <sup>3</sup>	USA-NIOSH Recommended Exposure Limits

- 8.2. Exposure Controls
  - 8.2.1. Eyewash bottles should be available
  - 8.2.2. Engineering controls should be provided to prevent the need for ventilation
  - 8.2.3. Wear safety glasses approved to standard for NIOSH (US) or EN 166
  - 8.2.4. Wear suitable protective clothing in accordance with good chemical hygiene practices.
  - 8.2.5. Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.
  - 8.2.6. No respiratory protection is needed if ventilation/extraction is adequate, otherwise wear

## SAFETY DATA SHEET

approved dust mask, N95 (US) or type FFP1 (EN143) dust masks.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- 9.1. Information on physical and chemical properties
  - 9.1.1. Appearance: Homogenous, free-flowing powder, may form soft clumps, beige to tan
  - 9.1.2. Odor: No information available.
  - 9.1.3. pH: Not information available
  - 9.1.4. Melting point/Range: No information available.
  - 9.1.5. Boiling point/Range: Not determined
  - 9.1.6. Flashpoint: No information available.
  - 9.1.7. Evaporation Rate: No information available.
  - 9.1.8. Flammability: No information available.
  - 9.1.9. Vapor Pressure: No information available.
  - 9.1.10. Vapor Density: No information available.
  - 9.1.11. Relative Density: No information available.
  - 9.1.12. Solubility in water: Soluble
  - 9.1.13. Partition Coefficient (n-Octanol/Water): No information available.
  - 9.1.14. Autoignition Temperature: Product is not self-igniting.
  - 9.1.15. Viscosity: No information available
  - 9.1.16. Explosive Properties: Product does not present an explosion hazard
  - 9.1.17. Oxidizing Properties: No information available
- 9.2. Other information:
  - 9.2.1. No information available.

### SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity
  - 10.1.1. No information available.
- 10.2. Chemical stability
  - 10.2.1. Considered stable under normal conditions.
- 10.3. Possibility of hazardous reactions
  - 10.3.1. No hazardous reactions known if used for its intended purpose.
- 10.4. Conditions to avoid
  - 10.4.1. Avoid contact with moisture
  - 10.4.2. Keep away from heat and sources of ignition
- 10.5. Incompatible materials
  - 10.5.1. None known
- 10.6. Hazardous decomposition products
  - 10.6.1. Decomposition products may include carbon oxides

### SECTION 11: TOXICOLOGICAL INFORMATION

- 11.1. Information on toxicological effects

## SAFETY DATA SHEET

- 11.1.1. No experimental test data available for the mixture
- 11.1.2. ATEmix= 4,255 mg/kg (oral)
- 11.1.3. Contact with skin
  - 11.1.3.1. May cause redness and irritation in sensitive individuals.
- 11.1.4. Contact with eyes
  - 11.1.4.1. May cause redness and irritation in sensitive individuals.
- 11.1.5. Ingestion
  - 11.1.5.1. Product is not toxic, but may cause irritation of the throat and/or nausea in sensitive individuals.
- 11.1.6. Inhalation:
  - 11.1.6.1. May cause irritation in sensitive individuals
- 11.1.7. Carcinogenicity
  - 11.1.7.1. Not listed in the National Toxicology Program (NTP) 13th Report on Carcinogens.  
Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, Volumes 1-112.  
Not listed in OSHA standard 1910.1003 Carcinogens.
- 11.1.8. Mutagenicity
  - No evidence of mutagenic effects
- 11.1.9. Teratogenicity
  - 11.1.9.1. No information available

## SECTION 12: ECOLOGICAL INFORMATION

- 12.1. Toxicity: No information available.
- 12.2. Persistence and degradability: No information available.
- 12.3. Bioaccumulation Potential: No information available.
- 12.4. Mobility in soil: No information available.
- 12.5. Results of PBT and vPvB assessment
  - 12.5.1. Not a PBT according to REACH Annex XIII
  - 12.5.2. PBT/vPvB assessment not available
- 12.6. Other adverse effects
  - 12.6.1. To the best of our knowledge, the properties of this material have not been fully evaluated
  - 12.6.2. On available data, substance is not harmful to the environment

## SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1. Waste treatment methods
  - 13.1.1. Disposal should be in accordance with local, state, or national legislation
  - 13.1.2. Do not discharge into drains or the environment, dispose to an authorized waste collection point
  - 13.1.3. Do not reuse empty containers without commercial cleaning or reconditioning
  - 13.1.4. Refer to manufacturer/supplier for information on recovery/recycling
- 13.2. Classification (REACH)
  - 13.2.1. Waste Codes in accordance with European Waste Catalogue (EWC) are origin-defined. Since this product is used in several industries, no Waste Code can be provided by the supplier. The Waste Code should be determined in arrangement with your waste disposal partner or the responsible authority.

## SAFETY DATA SHEET

### SECTION 14: TRANSPORT INFORMATION

- 14.1. UN number: 3077
- 14.2. UN proper shipping name: Environmentally hazardous substance, solid, n.o.s. (Sodium bisulfite mixture)
- 14.3. Transport hazard class(es): 9
- 14.4. Packing group number: III
- 14.5. Environmental hazards: Not a marine pollutant
- 14.6. Special precautions for user: Not classified.
- 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code: Not classified.
- 14.8. Domestic Surface Transport (US DOT)
  - 14.8.1. Proper Shipping Name: Environmentally hazardous substance, solid, n.o.s. (Sodium bisulfite mixture)
  - 14.8.2. DOT UN No.: 3077
  - 14.8.3. DOT Hazard Class: 9
  - 14.8.4. DOT Packaging Group: III
  - 14.8.5. No limit for domestic air transport
- 14.9. International Road/Rail (ADR/RID)
  - 14.9.1. Proper Shipping Name: Not applicable
  - 14.9.2. ADR UN No.: Not applicable
  - 14.9.3. ADR Hazard Class: Not applicable
  - 14.9.4. ADR Packing Group: Not applicable
  - 14.9.5. Tunnel Code: Not applicable
- 14.10. Ocean/Sea (IMO/MDG)
  - 14.10.1. Proper Shipping Name: Not applicable
  - 14.10.2. IMDG UN No.: Not applicable
  - 14.10.3. IMDG Hazard Class: Not applicable
  - 14.10.4. IMDG Pack Group.: Not applicable
- 14.11. Air (ICAO/IATA)
  - 14.11.1. Proper Shipping Name: Environmentally hazardous substance, solid, n.o.s. (Sodium bisulfite mixture)
  - 14.11.2. ICAO Un No.: 3077
  - 14.11.3. ICAO Hazard Class: 9
  - 14.11.4. ICAO Packing Group: III

### SECTION: 15: REGULATORY INFORMATION

- 15.1. Safety, health, and environmental regulations/legislation specific for the substance or mixture
  - 15.1.1. This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010 and OSHA Hazard Communication Standard 29 CFR 1910.1200.
  - 15.1.2. Regulation (EC) No. 1272/2008 on the classification, labelling, and packaging of substances and mixtures (CLP Regulation) applies in Europe.
- 15.2. Chemical Safety Assessment: No information available
- 15.3. United States Regulatory Information

#### SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title

## SAFETY DATA SHEET

III, Section 302.

### SARA 313 Components

SARA 313: The material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### SARA 311/312

No SARA Hazards

### State Right-to-Know

Massachusetts

Sodium bisulfite, CAS No. 7631-90-5

New Jersey

Sodium bisulfite, CAS No. 7631-90-5

Pennsylvania

Sodium bisulfite, CAS No. 7631-90-5

### Toxic Substance Control Act (TSCA)

All components of this material are either listed or exempt from listing on the TSCA Inventory.

#### **15.4. Canadian Regulatory Information**

##### **15.4.1. Inventory Status**

Domestic Substances List (DSL)	Listed
Non-Domestic Substances List (NDSL)	Not Listed

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## SECTION 16: OTHER INFORMATION

**16.1.** This document is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. These suggestions should not be confused with state, municipal or insurance requirements, and constitute NO WARRANTY. Millennium LifeSciences, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.