# Mueller Hinton Agar, Dehydrated



### **Section 1**

## **Product Description**

Product Name:Mueller Hinton Agar, DehydratedRecommended Use:Science education applications

Synonyms: None Known

**Distributor:** Carolina Biological Supply Company

2700 York Road, Burlington, NC 27215

1-800-227-1150

Chemical Information: 800-227-1150 (8am-5pm (ET) M-F)

Chemtrec: 800-424-9300 (Transportation Spill Response 24 hours)

#### Section 2

### **Hazard Identification**

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

**GHS Classification:** 

Other Safety Precautions: No known OSHA hazards.

**Acute Toxicity Inhalation Dust/Mist** 

**Contains** 

96.1 % of the mixture consists of ingredient(s) of unknown toxicity

### Section 3 Composition / Information on Ingredients

Chemical Name	<u>CAS #</u>	<u>%</u>
Acid Digest of Casein	N/A	46.1
Agar	9002-18-0	44.7
Beef Extract	N/A	5.3
Starch	9005-25-8	3.9

## Section 4

#### First Aid Measures

**Emergency and First Aid Procedures** 

**Inhalation:** In case of accident by inhalation: remove casualty to fresh air and keep at rest.

**Eyes:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Skin Contact:** After contact with skin, wash immediately with plenty of water.

**Ingestion:** If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

#### Section 5

# Firefighting Procedures

Extinguishing Media: Use media suitable to extinguish surrounding fire.

Fire Fighting Methods and Protection: Firefighters should wear full protective equipment and NIOSH approved self-contained

breathing apparatus.

Fire and/or Explosion Hazards: N/A

Hazardous Combustion Products: None Known

#### **Section 6**

## Spill or Leak Procedures

Steps to Take in Case Material Is

Released or Spilled:

No health affects expected from the clean-up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section 8 of this (M)SDS

Poses little or no immediate hazard Avoid dusting.

Vacuum or sweep up material and place in a disposal container

### **Section 7**

# Handling and Storage

**Handling:** Avoid creating and inhaling dust.

**Storage:** Keep container tightly closed in a cool, well-ventilated place.

Storage Code: Green - general chemical storage

### Section 8 Protection Information

ACGIH OSHA PEL

 Chemical Name
 (TWA)
 (STEL)
 (TWA)
 (STEL)

 Starch
 10 mg/m3 TWA
 N/A
 15 mg/m3 TWA
 N/A

(total dust); 5 mg/m3 TWA (respirable fraction)

**Control Parameters** 

Engineering Measures: No exposure limits exist for the constituents of this product. General room ventilation

might be required to maintain operator comfort under normal conditions of use.

Personal Protective Equipment (PPE): Lab coat, apron, eye wash, safety shower.

**Respiratory Protection:** No respiratory protection required under normal conditions of use.

**Eye Protection:** Wear chemical splash goggles when handling this product. Have an eye wash station

available.

**Skin Protection:** Avoid skin contact by wearing chemically resistant gloves, an apron and other protective

equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving

work.

Gloves: Natural rubber, Neoprene, PVC or equivalent., Nitrile

### Section 9 Physical Data

Formula: See Section 3 Vapor Pressure: N/A

Molecular Weight: N/A
Appearance: Off-white to tan Powder

Evaporation Rate (BuAc=1): N/A
Vapor Density (Air=1): N/A

Odor: No data available

Odor Threshold: No data available

Specific Gravity: N/A

Solubility in Water: Soluble

Odor Threshold: No data available

pH: No data available

Solubility in Water: Soluble

Log Pow (calculated): No data available

Melting Point: No data available

Boiling Point: No data available

Decomposition Temperature: No data available

Decomposition Temperature: No data available

Flash Point: No data available
Flammable Limits in Air: N/A

Viscosity: No data available
Percent Volatile by Volume: N/A

# Section 10 Reactivity Data

Reactivity: No data available

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: Exposure to moisture Incompatible Materials: Oxidizing materials Hazardous Decomposition Products: None Known Hazardous Polymerization: Will not occur

### Section 11 Toxicity Data

Routes of Entry Inhalation and ingestion.

Symptoms (Acute): N/A

Delayed Effects: No data available

Acute Toxicity:

Chemical Name CAS Number Oral LD50 Dermal LD50 Inhalation LC50

Agar 9002-18-0 Oral LD50 Mouse

16000 mg/kg

Starch 9005-25-8

Carcinogenicity:

Chemical NameCAS NumberIARCNTPOSHAStarch9005-25-8Not listedNot listedNot listed

**Chronic Effects:** 

**Mutagenicity:** No evidence of a mutagenic effect.

**Teratogenicity:** No evidence of a teratogenic effect (birth defect).

**Sensitization:** No evidence of a sensitization effect.

**Reproductive:** No evidence of negative reproductive effects.

**Target Organ Effects:** 

Acute: See Section 2

Chronic: N/A

# Section 12 Ecological Data

**Overview:** This material is not expected to be harmful to the ecology.

Mobility:No dataPersistence:No dataBioaccumulation:No dataDegradability:No dataOther Adverse Effects:No data

Chemical NameCAS NumberEco ToxicityStarch9005-25-8Not available

### Section 13 Disposal Information

Disposal Methods: Dispose in accordance with all applicable Federal, State and Local regulations. Always

contact a permitted waste disposer (TSD) to assure compliance.

Waste Disposal Code(s): Not Determined

### Section 14 Transport Information

**Ground - DOT Proper Shipping Name:**Not Regulated for Transport

Air - IATA Proper Shipping Name:
Not regulated for air transport by IATA.

## Section 15 Regulatory Information

**TSCA Status:** All components in this product are on the TSCA Inventory.

Chemical Name CAS § 313 Name § 304 RQ CERCLA RQ § 302 TPQ CAA 112(2)

Number TQ

Starch 9005-25-8 No No No No No No

California Prop 65: No California Proposition 65 ingredients

Section 16 Additional Information

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The information provided in this (Material) Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. Carolina Biological Supply makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the (Material) Safety Data Sheet.

Glossary			
ACGIH	American Conference of Governmental	NTP	National Toxicology Program
	Industrial Hygienists	OSHA	Occupational Safety and Health Administration
CAS	Chemical Abstract Service Number	PEL	Permissible Exposure Limit
CERCLA	Comprehensive Environmental Response,	ppm	Parts per million
	Compensation, and Liability Act	RCRA	Resource Conservation and Recovery Act
DOT	U.S. Department of Transportation	SARA	Superfund Amendments and Reauthorization Act
IARC	International Agency for Research on Cancer	TLV	Threshold Limit Value
N/A	Not Available	TSCA	Toxic Substances Control Act
		IDLH	Immediately dangerous to life and health