

MATERIAL SAFETY DATA SHEET

NUTRIENT AGAR
CAROLINA BIOLOGICAL

Revised: 05/15/08
Replaces: 03/13/08
Printed: 05/20/08

1. PRODUCT DESCRIPTION

Product Name: Nutrient Agar, Prepared
Product Code(s): 15-4601, 15-4676, 15-4708, 15-4714, 15-4716, 15-4718,
15-4727, 15-4730, 15-4731, 15-4733, 15-4735, 15-4736,
15-4736A, 15-4740, 15-4766, 77-6360, 77-6362, 77-6364,
77-6366, 78-5302, 82-1860, 82-6100
Size: Various
Chemical Name: None
CAS Number: None
Formula: See section 2
Synonyms: None known
Distributor: Carolina Biological Supply Company
2700 York Road
Burlington, NC 27215
Chemical Information: 800-227-1150 (8am-5pm (ET) M-F)
Chemtrec (Transportation Spill Response 24 hours): 800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

Principal Components: Agar(CAS# 9002-18-0) 2%
TLV and PEL units:
ACGIH-TLV: N/A
OSHA-PEL: N/A

3. HAZARD IDENTIFICATION

Not a hazardous material per criteria of 29 CFR (OSHA Hazard Communication Standard)
Emergency Overview: Avoid contact with skin, eyes, and clothing.
Potential Health Effects:
Eyes: May cause irritation.
Skin: May cause irritation.
Ingestion: May cause gastrointestinal discomfort.
Inhalation: May cause irritation to respiratory tract.

4. FIRST AID MEASURES

Emergency and First Aid Procedures:
Eyes - Flush thoroughly with water. Seek medical attention if irritation persists.
Skin - Wash exposed area with soap and water. Seek medical attention if irritation persists.
Ingestion - In quantities normally handled, symptoms would not be expected. If swallowed, if conscious, give water. Seek medical attention if gastrointestinal irritation or other unexpected symptoms develop.
Inhalation - Not expected to present a problem. However, if the exposed person is having trouble breathing, remove to fresh air. Give oxygen if breathing is difficult; give artificial respiration if breathing has stopped. Keep person warm and quiet, and get medical attention.

5. FIREFIGHTING PROCEDURES

Flash Point(Method Used): None
NFPA Rating: Health: 0
Fire: 0
Reactivity: 0

Extinguisher Media:
Use media suitable to extinguish surrounding fire.

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Flammable Limits in Air % by Volume: N/A
Autoignition Temperature: N/A
Special Firefighting Procedures:
Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: None known

6. SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled: Use paper towels to pick up gelled material. Wash area with soap and water.

7. SPECIAL PRECAUTIONS

Precautions to be Taken in Handling or Storing: Good personal hygiene should be practiced. Individuals with known or suspected allergies should advise physician of any exposure to antibiotic-treated media.
Other Precautions: None

8. SPECIAL PROTECTION INFORMATION

Respiratory Protection(Specify Type): None required under normal conditions of use.

Ventilation: Not required under normal product usage.

Protective Gloves:

Rubber, neoprene, PVC, or equivalent.

Eye Protection:

Splash proof chemical safety goggles should be worn at all times.

Other Protective Clothing or Equipment:

Lab apron, eye wash, and safety shower.

9. PHYSICAL DATA

Molecular Weight: Does not apply. Product is a mixture.
Melting Point: Decomposes
Boiling Point: N/A
Vapor Pressure: N/A
Vapor Density(Air=1): N/A
Specific Gravity(H2O=1): N/A
Percent Volatile by Volume: 0
Evaporation Rate(H2O=1): N/A
Solubility in Water: Slightly
Appearance and Odor: Odorless, pale to light tan-yellow gel

10. REACTIVITY DATA

Stability: Stable

Conditions to Avoid: N/A

Incompatibility(Materials to Avoid): Strong oxidizing agents

Hazardous Decomposition Products: N/A

Hazardous Polymerization: Will not occur

11. TOXICITY DATA

Toxicity Data for Agar: Oral Rat LD50: 11 g/kg

Effects of Overexposure:

Acute: See section 3

Chronic: No chronic effects identified. Not listed as cancer causing by IARC, NTP, or OSHA.

Conditions Aggravated by Overexposure: N/A

Target Organs: N/A

Primary Route(s) of Entry: Inhalation, ingestion

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12. ECOLOGICAL DATA

EPA Waste Numbers: None

13. DISPOSAL INFORMATION

Waste Disposal Methods: Dispose in accordance with all applicable Federal, State and Local regulations.
Always contact a permitted waste disposer (TSD) to assure compliance.

14. TRANSPORT INFORMATION

Not regulated for transport

15. REGULATORY INFORMATION

EPA TSCA Status: On TSCA Inventory

Hazard Category for SARA Section 311/312 Reporting: Acute

	SARA EHS	SARA Sec. 313	CERCLA	RCRA
Product or	Sec. 302	Chemicals	Sec. 103	Sec.
Components	TPQ	Name Chemical	RQ lbs.	261.33
		List Category		

Agar	No	No	No	No	No
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16. ADDITIONAL INFORMATION

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. Any employer must carefully assess the applicability of any information contained herein in regards to the particular use to which the employer puts the material.

Glossary

ACGIH.....American Conference of Governmental Industrial Hygienists

CAS Number..Chemical Abstracts Service Number

CERCLA.....Comprehensive Environmental Response, Compensation, and Liability Act

DOT.....U.S. Department of Transportation

IARC.....International Agency of Research on Cancer

mppcf.....million particles per cubic foot

N/A.....Not Available

NTP.....National Toxicology Program

OSHA.....Occupational Safety and Health Administration

PEL.....Permissible Exposure Limit

ppm.....parts per million

RCRA.....Resource Conservation and Recovery Act

SARA.....Superfund Amendments and Reauthorization Act

TLV.....Threshold Limit Value

TSCA.....Toxic Substances Control Act