

MATERIAL SAFETY DATA SHEET

ALGA GRO CONCENTRATED MEDIUM
CAROLINA BIOLOGICAL

Revised: 11/09/07
Replaces: 05/09/00
Printed: 05/20/08

1. PRODUCT DESCRIPTION

Product Name: Alga-Gro (R) Concentrated Medium
Product Code(s): 15-3750, L50A, 74-6635
Size: Various
Chemical Name: Does not apply, product is a mixture
CAS Number: None assigned to this mixture
NIOSH/RTECS Number: None assigned to this mixture
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 Hazardous Components (%):

The ingredients of this product do not meet the criteria for reporting by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

TLV (Units): No information available

3. HAZARD IDENTIFICATION

Emergency Overview:

This product is not expected to be a hazard under normal conditions of use.

Potential Health Effects:

Eyes: May cause slight irritation

Skin: No hazard in normal use

Ingestion: Ingestion of large amounts may cause gastrointestinal disturbances.

Inhalation: No hazard in normal use

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): Not applicable

NFPA 704M Rating (estimated): Health: 0

Flammability: 0

Reactivity: 0

Extinguisher Media: Use media suitable to extinguish surrounding fire.

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Flammable Limits in Air % by volume: Not applicable

Autoignition Temperature: Not applicable

Special Firefighting Procedures:

Firefighters should wear full protective equipment and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

Unusual Fire and Explosion Hazards:

This product will not burn. This product will not explode.

6. SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:

Cleanup personnel should wear proper protective clothing. Sweep or mop up and containerize for disposal.

7. SPECIAL PRECAUTIONS

Precautions to be Taken in Handling or Storing:

Store tightly closed in a cool, dry, well ventilated area suitable for general chemical storage.

Other Precautions: No information available

8. SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type):

None needed under normal conditions of use with adequate ventilation.

Ventilation:

Local Exhaust: Preferred

Mechanical (General): Acceptable

Special: Not generally needed

Other: No

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

Eye Protection: Splash-proof chemical safety goggles should be worn. Never wear contact lenses when working with chemicals.

Other Protective Clothing or Equipment:

Lab coat, eye wash, safety shower.

9. PHYSICAL DATA

Molecular Weight: No information available
Melting Point (degrees C): Approximately 0 degrees C
Boiling Point (degrees C): 100 degrees C
Vapor Pressure (mm Hg): Approximately 17.5 @ 20 degrees C (water)
Vapor Density (Air =1): Approximately 0.7 (water)
Specific Gravity (H2O = 1): 1
Percent Volatile by Volume: 99.9%
Evaporation Rate (Water = 1): No information available
Solubility in Water: Complete, product is an aqueous solution

Appearance and Odor:

Clear, odorless liquid

10. REACTIVITY DATA

Stability:

Stable

Conditions to Avoid:

None known

Incompatibility (Materials to Avoid): Water reactive materials

Hazardous Decomposition Products: None known

Hazardous Polymerization: Will not occur

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11. TOXICITY DATA

Threshold Limit Value: See Section 2

Toxicity Data: No information available

Effects of Overexposure:

Acute: See Section 3

Chronic: To the best of our knowledge, the toxicological properties of this mixture have not been thoroughly evaluated.

Conditions Aggravated by Overexposure: No information available

Target Organs: No information available

12. ECOLOGICAL DATA

EPA Waste Numbers: None

13. DISPOSAL INFORMATION

Waste Disposal Method: Dispose in accordance with all applicable federal, state and local regulations.

14. TRANSPORT INFORMATION

Not regulated.

15. REGULATORY INFORMATION

EPA TSCA STATUS:

The ingredients of this product are all on the TSCA Inventory.

Hazard Category for SARA Section 311/312 Reporting: Acute

16. ADDITIONAL INFORMATION AND PRECAUTIONS

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 Services Abstracts Number

CWA.....Clean Water Act

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

IARC.....International Agency for Research on Cancer

IATA.....International Air Transport Association

IMO.....International Maritime Organization

NTP.....National Toxicology Program

OSHA.....Occupational Safety and Health Administration

PEL.....Permissible Exposure Limit

ppm.....parts per million

RTECS.....Registry of Toxic Effects of Chemical Substances
(published by the National Institute of Occupational
Safety and Health (NIOSH))

TLV.....Threshold Limit Value