AGAROSE MSDS from CAROLINA BIOLOGICAL SUPPLY provided by Actio Corporation.

**SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MSDS Name: AGAROSE  
Manufacturer Name: CAROLINA BIOLOGICAL SUPPLY  
Address:  
2700 YORK RD  
City: BURLINGTON  
State: NC  
Zip: 27215-3387  
Country: US  
Business Phone: 800-227-1150/800-424-9300  
For information in North America, call: 800-227-1150/800-424-9300  
Health Phone: 800-227-1150  
Manufacturer MSDS Creation Date:  
01/02/1998

**SECTION 2: COMPOSITION, INFORMATION ON INGREDIENTS**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS#</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGAROSE</td>
<td>9012-36-6</td>
</tr>
</tbody>
</table>

OSHA PEL TWA: N/P  
OSHA STEL/Ceiling: N/P  
ACGIH TLV TWA: N/P  
ACGIH STEL/Ceiling: N/P  
Comments:  
% Low Wt: 90. Code: M ; % High Wt: 100. Code: M ; Other REC Limits: N/P ;

**SECTION 3: HAZARDS IDENTIFICATION**

AGAROSE:

Route of Exposure:  
Inhalation: YES Skin: NO Ingestion: YES

Potential Health Effects:  
TARGET ORGANS: NONE KNOWN. EYES—MAY CAUSE IRRITATION. SKIN—MAY CAUSE IRRITATION. INGESTION—MAY CAUSE GASTROINTESTINAL DISCOMFORT. INHALATION—MAY CAUSE IRRITATION TO RESPIRATORY TRACT.

Carcinogenicity:  
N/P  
OSHA Designation: N/P  
NTP Designation: N/P  
IARC Designation: N/P  
Signs/Symptoms:  
MAY CAUSE COUGHING OR SNEEZING IF INHALED IN LARGE AMOUNTS (DUST). LARGE INGESTION MAY CAUSE GASTROINTESTINAL UPSET DUE TO GELATIN AND BULKING

http://65.170.37.129:81/225013.html  
12/12/02
WITH POSSIBLE CONSTIPATION. DUST MAY IRRITATE EYES.
Aggravation of Pre-Existing Conditions:
N/A

LD 50 LC 50 Mixture
ORAL LD50(RAT):UNKNOWN

SECTION 4: FIRST AID MEASURES

First Aid
EYES-FLUSH WITH WATER FOR 15 MINS, RAISING & LOWERING EYELIDS OCCASIONALLY. GET MEDICAL AID IF IRRITATION PERSISTS. SKIN-THOROUGHLY WASH EXPOSED AREA FOR 15 MIN. REMOVE CONTAMINATED CLOTHES. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. GET MEDICAL AID IF IRRITATION PERSISTS. INGESTION-IF SWALLOWED, IF CONSCIOUS, GIVE PLENTY OF WATER. IMMEDIATELY CALL A PHYSICIAN OR POISON CONTROL CENTER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. INHALATION-REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING IS DIFFICULT; GIVE ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. KEEP PERSON WARM, QUIET, & GET MEDICAL AID.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point:
N/P
Flash Point Method:
N/A
Auto Ignition Temperature: N/P
Extinguishing Media:
USE MEDIA SUITABLE TO EXTINGUISH SURROUNDING FIRE.
Fire Fighting Instructions:
FIREFIGHTERS SHOULD WEAR FULL PROTECTIVE EQUIPMENT AND NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire Hazards:
NONE EXPECTED.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Leak Response:
VENTILATE SPILL AREA. CLEAN-UP PERSONNEL SHOULD WEAR PROPER PERSONAL PROTECTIVE GEAR. AVOID CREATING DUST. SWEEP OR SCOOP UP AND CONTAINERIZE FOR DISPOSAL.
Other Precautions:
N/P
Neutralizing Agent
N/P
SECTION 7: HANDLING and STORAGE

Handling:
STORE IN A COOL, DRY, WELL-VENTILATED AREA AWAY FROM SOURCES OF HEAT IGNITION. PROTECT FROM MOISTURE.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Ventilation System:
LOCAL EXHAUST: YES.
Hand Protection Description:
RUBBER, NEOPRENE, PVC OR EQUIVALENT.
Eye/Face Protection:
SPLASH PROOF CHEMICAL SAFETY GOGGLES SHOULD BE WORN.
Respiratory Protection:
A NIOSH/MSHA CHEMICAL CARTRIDGE RESPIRATOR SHOULD BE WORN IF PEL OR TLV IS EXCEEDED.
Other Protective:
LAB COAT, EYE WASH, AND SAFETY SHOWER.
Other:
N/P

Work Hygienic Practices
N/P

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State/Appearance:
WHITE POWDER, ODORLESS.

pH:
N/P

Decomposition Temperature:
N/P

Vapor Pressure:
N/P

Vapor Density:
N/P

Boiling Point:
N/P

Melting Point:
N/P

Solubility In Water:
SLIGHTLY SOLUBLE IN WATER

Specific Gravity:
N/P

Evaporation Point:
N/P

Percent Volatile:
N/P

Viscosity:
N/P
Other:
  Corrosion Rate: N/P

HCC
  N1

SECTION 10 : STABILITY AND REACTIVITY

Chemical Stability:
  YES
Conditions to Avoid:
  NO INFORMATION FOUND.
Incompatibilities with Other Materials:
  OXIDIZERS.
Hazardous Polymerization:
  NO
Hazardous Decomposition Products:
  NO INFORMATION FOUND.

Conditions To Avoid Polymerization
  WILL NOT OCCUR.

SECTION 11 : TOXICOLOGICAL INFORMATION

Toxicological Paragraph:
  TOXICITY DATA: NONE CITED.

SECTION 12 : ECOLOGICAL INFORMATION

Ecological Paragraph:
  NONE

SECTION 13 : DISPOSAL CONSIDERATIONS

Waste Disposal:
  DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL
  REGULATIONS. ALWAYS CONTACT A PERMITTED WASTE DISPOSER (TSD) TO ASSURE
  COMPLIANCE.

SECTION 14 : TRANSPORT INFORMATION

Transportation Information:
  NON-REGULATED.

SECTION 15 : REGULATORY INFORMATION

AGAROSE:
SARA:
  HAZARD CATEGORY FOR SARA SECTION 311/312 REPORTING: ACUTE.
US Federal:
ON TSCA INVENTORY.

State:
N/P

SECTION 16 : ADDITIONAL INFORMATION

MSDS Author:
CAROLINA BIOLOGICAL SUPPLY

Disclaimer:
Please note that although the information, opinions and recommendations contained in these Material Safety Data Sheets are compiled from sources believed to be reliable, we accept no responsibility for the accuracy, sufficiency, or reliability or for any loss or injury resulting from the use of the information. Newly discovered hazards are frequent and this information may not be completely up to date.

Other Information
******P/N 74-6614******* EMERGENCY OVERVIEW: NOT CONSIDERED TO BE HAZARDOUS UNDER NORMAL CONDITIONS OF USE.

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