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**View Section:** 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

**CAROLINA BIOLOGICAL SUPPLY**

**AGAROSE**

**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

[To Top of page](#)

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

Chemical Name	CAS#		
AGAROSE	9012-36-6		

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 ;

[To Top of page](#)

**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

WITH POSSIBLE CONSTIPATION. DUST MAY IRRITATE EYES.  
Aggravation of Pre-Existing Conditions:  
N/A

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

[To Top of page](#)

#### **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 C ONTAMINATED 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.

[To Top of page](#)

#### **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.

[To Top of page](#)

#### **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

[To Top of page](#)

## SECTION 7 : HANDLING and STORAGE

### Handling:

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

[To Top of page](#)

## 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

[To Top of page](#)

## 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

[To Top of page](#)

### **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.

[To Top of page](#)

### **SECTION 11 : TOXICOLOGICAL INFORMATION**

Toxicological Paragraph:

TOXICITY DATA: NONE CITED.

[To Top of page](#)

### **SECTION 12 : ECOLOGICAL INFORMATION**

Ecological Paragraph:

NONE

[To Top of page](#)

### **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.

[To Top of page](#)

### **SECTION 14 : TRANSPORT INFORMATION**

Transportation Information:

NON-REGULATED.

[To Top of page](#)

### **SECTION 15 : REGULATORY INFORMATION**

**AGAROSE:**

SARA:

HAZARD CATEGORY FOR SARA SECTION 311/312 REPORTING: ACUTE.

US Federal:

ON TSCA INVENTORY.

State:

N/P

[To Top of page](#)

## 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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