Safety Data Sheet

Agarose

Section 1

CAROLINA®

Product Description

Product Name: Recommended Use: Synonyms: Distributor:

Agarose Science education applications Agar-agar, neutral gelatin fraction Carolina Biological Supply Company 2700 York Road, Burlington, NC 27215 1-800-227-1150 800-227-1150 (8am-5pm (ET) M-F) 800-424-9300 (Transportation Spill Response 24 hours)

Chemical Information: Chemtrec:

Hazard Identification

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

GHS Classification:

Section 2

Other Safety Precautions:

Not a dangerous substance according to GHS classification criteria. No known OSHA hazards.

Composition / Information on Ingredients

First Aid Measures

Section 3

Chemical Name Agarose, 100% CAS # 9012-36-6 <u>%</u> 100

Section 4

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

Section 6	Spill or Leak Procedures
Fire and/or Explosion Hazards:	N/A
Hazardous Combustion Products:	Carbon dioxide, Carbon monoxide
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.

Steps to Take in Case Material Is
Released or Spilled:No adverse health affects expected from the clean-up of spilled material. Follow personal
protective equipment recommendations found in Section 8 of this (M)SDS. Avoid creating
and inhaling dust. Avoid contact with skin and eyes.
No special spill clean-up considerations. Collect and discard in regular trash. Reduce
airborne dust and prevent scattering by moistening with water Vacuum or sweep up material
and place in a disposal container

Section 7

Handling and Storage

Handling:Keep container dry.Storage:Keep container tightly closed in a cool, well-ventilated place.Storage Code:Green - general chemical storage

Safety Data Sheet

Section 8	Protection	Information			
	ACO	<u>SIH</u>	OSH	A PEL	
Chemical Name	<u>(TWA)</u>	<u>(STEL)</u>	<u>(TWA)</u>	<u>(STEL)</u>	
No data available	N/A	N/A	N/A	N/A	
Control Parameters					
Engineering Measures:	gineering Measures: No exposure limits exist for the constituents of this product. General room ventile 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.				
Section 9	Physic	al Data			
Formula: A polysaccharide complex		Vapor Pressure: N/A	ι.		

Formula: A polysaccharide complex Molecular Weight: N/A Appearance: White Powder Odor: No data available Odor Threshold: No data available **pH:** No data available Melting Point: No data available Boiling Point: No data available Flash Point: No data available Flammable Limits in Air: N/A

Section 10

Reactivity Data No data available Stable under normal conditions.

None known.

Will not occur

Strong oxidizing agents

Reactivity: Chemical Stability: Conditions to Avoid: **Incompatible Materials:** Hazardous Polymerization:

Section 11

Toxicity Data

Routes of Entry Symptoms (Acute): **Delayed Effects:**

Acute Toxicity: **Chemical Name**

Carcinogenicity: **Chemical Name** No data available

No data available

Chronic Effects: Mutagenicity: Teratogenicity: Sensitization:

Respiratory disorders, Eye disorders No data available

Inhalation and ingestion.

CAS Number 9012-36-6

Oral LD50 Not determined

Evaporation Rate (BuAc=1): N/A

Solubility in Water: Slightly Soluble

Log Pow (calculated): No data available

Autoignition Temperature: No data available

Decomposition Temperature: No data available

Vapor Density (Air=1): N/A

Viscosity: No data available

Percent Volatile by Volume: N/A

Specific Gravity: N/A

Dermal LD50 Not determined

Inhalation LC50 Not determined

CAS Number 9012-36-6

IARC Not listed

NTP Not listed

OSHA Not listed

No evidence of a mutagenic effect. No evidence of a teratogenic effect (birth defect). No evidence of a sensitization effect.

Agarose

Page 2 of 3

Safety Data Sheet

Reproductive: Target Organ Effects: Acute: Chronic: No evidence of negative reproductive effects.

No data No data

See Section 2 Not listed as a carcinogen by IARC, NTP or OSHA.

Section 12

Overview:	
Mobility:	
Persistence:	
Bioaccumulation:	
Degradability:	
Other Adverse Effects:	

This material is not expected to be harmful to the ecology. No data No data No data

Chemical Name N/A

Section 13

CAS Number Eco Toxicity 9012-36-6

Disposal Information

Ecological Data

Disposal Methods:

Waste Disposal Code(s):

Dispose in accordance with all applicable Federal, State and Local regulations. Always contact a permitted waste disposer (TSD) to assure compliance. Not Determined

Section 14

Transport Information

Ground - DOT Proper Shipping Name: N/A

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 Number	§ 313 Name	§ 304 RQ	CERCLA RQ	§ 302 TPQ	CAA 112(2) TQ
No data available	9012-36-6	No	No	No	No	No

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
Acom	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