



# **Material Safety Data Sheet**

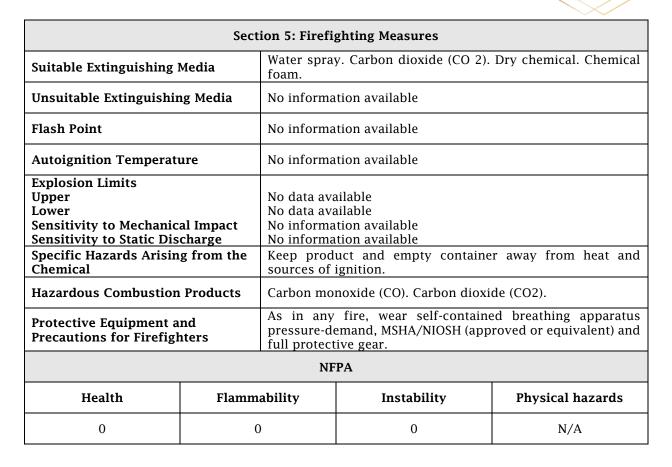
Section 1: Product and Company Identification			
Product Name	Agarose		
Catalogue Number:	ASC-1020	CAS Number:	9012-36-6
E-mail:	Sales@ausamics.com	Website:	Ausamics.com

Section 2: Hazards Identification		
Classification: Classification under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)		
Label Elements		
Label Elements None required		
Hazards not otherwise classified (HNOC)	None identified	

Section 3: Composition / Information on Ingredients			
Component CAS No Weight %			
Agarose	9012-36-6	100	

Section 4: First Aid Measures	
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention.
Inhalation	Remove from exposure, lie down. Remove to fresh air. Get medical attention.
Ingestion	Do NOT induce vomiting. Get medical attention.
Most important symptoms and effects	No information available.
Notes to Physician	Treat symptomatically

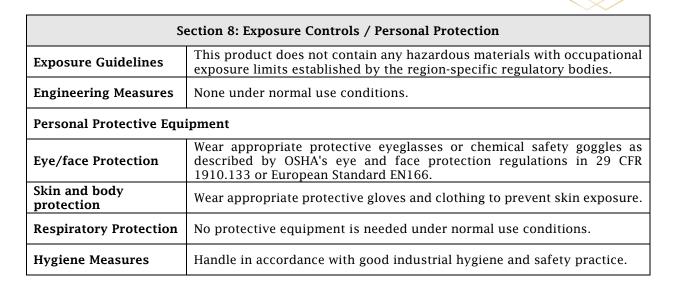




Section 6: Accidental Release Measures		
Personal Precautions  Ensure adequate ventilation. Use personal profequipment as required. Avoid dust formation.		
<b>Environmental Precautions</b>	See Section 12 for additional Ecological Information.	
Methods for Containment and Clean Up	Avoid dust formation. Sweep up and shovel into suitable containers for disposal. Do not let this chemical enter the environment.	

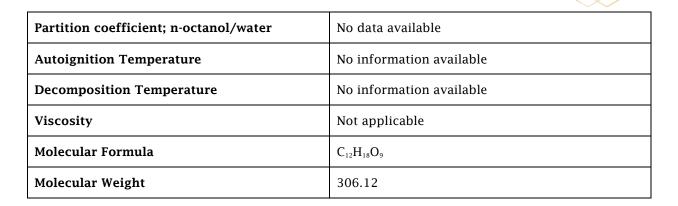
Section 7: Handling and storage		
Handling	Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid dust formation. Avoid contact with skin and eyes. Do not breathe dust. Do not ingest. If swallowed, then seek immediate medical assistance.	
Storage	Keep in a dry, cool and well-ventilated place. Keep container tightly closed. Incompatible Materials. Acids. Strong oxidizing agents.	





Section 9: Physical and Chemical Properties		
Physical State	Powder Solid	
Appearance	Light cream	
Odor	Odorless	
Odor Threshold	No information available	
рН	No information available	
Melting Point/Range	No data available	
Boiling Point/Range	No information available	
Flash Point	No information available	
Evaporation Rate	Not applicable	
Flammability (solid, gas)	No information available	
Flammability or explosive limits Upper Lower	No data available No data available	
Vapor Pressure	No information available	
Vapor Density	Not applicable	
Specific Gravity	No information available	
Solubility	No information available	

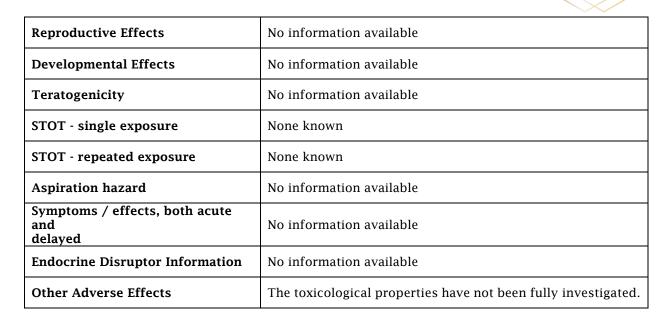




Section 10: stability and Reactivity		
Reactive Hazard	None known, based on information available	
Stability	Stable	
Conditions to Avoid	Avoid dust formation. Incompatible products	
Incompatible Materials	Acids, Strong oxidizing agents	
Hazardous Decomposition Products	Carbon monoxide (CO), Carbon dioxide (CO2)	
Hazardous Polymerization	Hazardous polymerization does not occur	
Hazardous Reactions	None under normal processing	

Section 11: Toxicological Information						
Acute Toxicity Product Information Component Information		No acute toxicity information is available for this product				
Toxicologically Synergistic Products		No information available				
Delayed and immediate effects as well as chronic effects from short and long-term exposur			xposure			
Irritation		No information available				
Sensitization		No information available				
Carcinogenicity		The table below indicates whether each agency has listed any ingredient as a carcinogen.				
Component	CAS No	IARC	NTP	ACGIH	OSHA	Mexico
Agarose	9012-36-6	Not listed	Not listed	Not listed	Not listed	Not listed
Mutagenic Effects		No information available				





Section 12: Ecological Information		
Ecotoxicity Do not empty into drains.		
Persistence and Degradability	Soluble in water Persistence is unlikely based on information available.	
Bioaccumulation/ Accumulation	on No information available.	
Mobility	Will likely be mobile in the environment due to its water solubility.	

Section 13: Disposal Consideration		
Waste Disposal Methods	Chemical waste generators must determine whether a discarded chemical is classified as hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.	

Section 14: Transport Information		
DOT	Not regulated	
TDG	Not regulated	
IATA	Not regulated	
IMDG/IMO	Not regulated	





Section	15: Regul	latory Info	ormation
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# **United States of America Inventory**

Component	CAS No	TSCA	TSCA Inventory notification - Active-Inactive	TSCA - EPA Regulatory Flags
Agarose	9012-36-6	X	ACTIVE	XU

## Legend:

TSCA US EPA (TSCA) - Toxic Substances Control Act, (40 CFR Part 710)

X - Listed

'-' - Not Listed

XU - Indicates a substance exempt from reporting under the Inventory Update Rule, i.e. Partial Updating of the TSCA Inventory Data Base

Production and Site Reports (40 CFR 710(B)

TSCA 12(b) - Notices of Export	Not applicable
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#### **International Inventories**

Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Philippines (PICCS), Japan (ENCS), Japan (ISHL), Australia (AICS), China (IECSC), Korea (KECL).

Component	CAS No	DSL	NDSL	EINECS	PICCS	ENCS	ISHL	AICS	IECSC	KECL
Agarose	9012- 36-6	X	-	232- 731-8	X	-		X	X	KE- 00278

### U.S. Federal Regulations

Reportable Quantity (RQ)

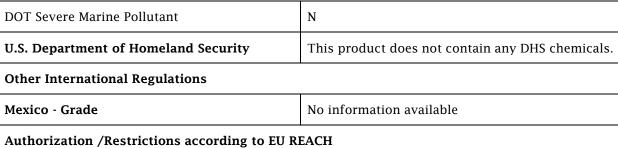
**DOT Marine Pollutant** 

SARA 313	Not applicable			
SARA 311/312 Hazard Categories	See section 2 for more information			
CWA (Clean Water Act)	Not applicable			
Clean Air Act	Not applicable			
<b>OSHA</b> - Occupational Safety and Health Administration	Not applicable			
CERCLA	Not applicable			
California Proposition 65	This product does not contain any Proposition 65 chemicals.			
U.S. State Right-to-Know Regulations	Not applicable			
U.S. Department of Transportation				

N

N





Safety, health and environmental regulations/legislation specific for the substance or mixture

Component	CAS No	OECD HPV	Persistent Organic Pollutant	Ozone Depletion Potential	Restriction of Hazardous Substances (RoHS)
Agarose	9012-36-6	Not applicable	Not applicable	Not applicable	Not applicable

Component	CAS No	Seveso III Directive (2012/18/EC) - Qualifying Quantities for Major Accident Notification	Seveso III Directive (2012/18/EC) - Qualifying Quantities for Safety Report Requirements	Rotterdam Convention (PIC)	Basel Convention (Hazardous Waste)
Agarose	9012-36-6	Not applicable	Not applicable	Not applicable	Not applicable

Section 16: Additional Notes				
Documented By	Ausamics Life Science Sales@Ausamics.com			
Revision date	June 03, 2023			
Summary of Revisions	This document has been revised to meet the requirements of the US OSHA HazCom 2012 Standard, which supersedes the existing regulations outlined in 29 CFR 1910.1200, in order to align with the internationally recognized globally Harmonized System of Classification and Labeling of chemicals (GHS).			
Disclaimer	The information presented in this Safety Data sheet is accurate to the best of our knowledge, information, and belief at the time of publication. It is intended as a guide for the safe handling, use, processing, storage, transportation, disposal, and release of specific materials. However, it should be interpreted as a warranty or quality specification. The provided information pertains solely to the designated material and may not be applicable to its use in combination with other materials or in any process, unless explicitly stated in the text.			