



# IMPORTANT

9841

## MATERIAL SAFETY DATA SHEET

READ CAREFULLY BEFORE USING CHEMICAL

OSHA requires that this form be kept on file.

Product No. SA 9314 M  
Product Name AGAR, POWDER

**24 HOUR EMERGENCY ASSISTANCE**  
**CHEMTREC 800-424-9300**  
 HAZARD RATING

4-EXTREME	Health Hazard	2
3-MODERATE	Flammability	1
1-SLIGHT	Reactivity	0
0-MINIMAL		

SECTION I  
Chemical Synonyms  
Agar Agar Gum

Formula  
N/A

C.A.S. No. 9002-18-0

SECTION II  
HAZARDOUS INGREDIENTS OF MIXTURES  
Principal Hazardous Components) % PEL. TLV Units  
N/A

### SECTION III PHYSICAL DATA

Melting Point (°F)	N/A	Specific Gravity (H <sub>2</sub> O=1)	N/A
Boiling Point (°F)	N/A	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	N/A	Evaporation Rate ( =1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	Soluble (with boiling).		
Appearance & Odor	White powder; odorless.		

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Combustible as dust.	Flammable Limits in Air % by Volume	Lower N/A	Upper N/A
Extinguisher Media	Suitable to extinguish the supporting flame.			

Special Firefighting Procedures  
Wear self-contained breathing apparatus.

### Unusual Fire and Explosion Hazards

Product may generate dust in handling. Like all dry carbohydrates may be a source of ignition and potential explosion hazard if the concentration of dust in the air is too high.

D.O.T. Not Regulated

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20

Threshold Limit Value  
Inert or nuisance dusts are covered by OSHA "Particulates not otherwise regulated" 5 mg/m<sup>3</sup> TWA respirable dust, 15 mg/m<sup>3</sup> total dust.

Effects of Overexposure  
Relatively nonhazardous. May cause slight irritation. Toxicity data: oral-rat LD<sub>50</sub> 11 g/kg.

Emergency and First Aid Procedures  
EYES/SKIN: Flush with plenty of water for at least 15 minutes.  
INHALATION: Remove to fresh air. INGESTION: If conscious, induce vomiting. Call a physician immediately.

### SECTION VI REACTIVITY DATA

Stability	<input type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions to Avoid	Fire, sparks, excessive heat.
Incompatibility (Materials to Avoid)			N/A

Hazardous Decomposition Products  
Carbon monoxide and/or carbon dioxide.

Hazardous Polymerization  
May  Occur  Will Not Occur

### SECTION VII SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled  
Sweep up and containize.

Waste Disposal Method  
Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only. Dispose of in accordance with applicable Federal, state and local regulations.

### SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection  
(Specify type)  
NIOSH approved dust mask.

Ventilation	Local Exhaust	Special
Protective Gloves	Mechanical (General)	Other
Other Protective Equipment	Appropriate chemical resistant gloves	Eye Protection
	None	Safety Goggles

### SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing  
Keep container tightly closed when not in use.  
Wash thoroughly after handling. Store in a cool, dry place.

Other Precautions  
Read label on container before using. Do not wear contact lenses when working with chemicals.

Approved by Steven C. Quandt Effective Date 3/23/2004

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