

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

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

SECTION I	NAME
Chemical Synonyms	Agar Agar Gum
Formula	N/A
C.A.S. No.	9002-18-0

**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> 11g/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.

**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

**SECTION II HAZARDOUS INGREDIENTS OF MIXTURES**

Principal Hazardous Component(s)	%	P.E.L.	TLV Units
N/A			

\* chemical subject to the reporting requirements of SARA Title III.

**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	Upper
			N/A	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.

**SECTION VI REACTIVITY DATA**

Stability	Stable <input checked="" type="checkbox"/> Unstable <input type="checkbox"/>	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 <input type="checkbox"/> Will Not Occur <input checked="" type="checkbox"/>	Conditions to Avoid	N/A

**SECTION VII SPILL OR LEAK PROCEDURES**

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

**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
	Mechanical (General)	X	Other
Protective Gloves	Appropriate chemical resistant gloves	Eye Protection	Safety Goggles
Other Protective Equipment	None		

**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.  
 N/A

D.O.T. Not Regulated

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

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

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