

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-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

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 ₂ 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.

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/m³ TWA respirable dust, 15 mg/m³ total dust.

Effects of Overexposure

Relatively nonhazardous. May cause slight irritation. Toxicity data: oral-rat LD₅₀ 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.

SECTION VI REACTIVITY DATA

Stability	Conditions to Avoid
Stable ☒ Unstable ☐	Fire, sparks, excessive heat.
Incompatibility (Materials to Avoid)	N/A
Hazardous Decomposition Products	Carbon monoxide and/or carbon dioxide.
Hazardous Polymerization	Conditions to Avoid
May Occur ☐ Will Not Occur ☒	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)	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

Approved by Steven C. Quandt

Effective Date

3/23/2004

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

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