



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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MSDS No. GG 246  
Effective Date May 29, 1998

## SECTION V HEALTH HAZARD DATA

GG 246

**Threshold Limited Value** RTECS No. MG0185000 Toxicity data: Orl-rat LD50 7060 mg/kg, orl-mus LD50 8100 mg/kg, orl-rbt LD50 7000 mg/kg.

**Effects of Overexposure**  
Inhalation as dust may cause respiratory sensitization. Contact with eyes may cause irritation. Exercise appropriate procedures to minimize potential hazards.

**Emergency and First Aid Procedures**  
**EYES:** Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. If irritation persists, get medical attention.  
**SKIN:** Flush thoroughly with water, then wash with mild soap and water.  
**INHALATION:** Remove to fresh air. If ill effects develop, get medical attention.  
**INGESTION:** If swallowed, if conscious, treat symptomatically and supportively. Get medical attention. Never give anything by mouth to an unconscious person.

## SECTION VI REACTIVITY DATA

<b>Stability</b>	<b>Unstable</b>		<b>Conditions to Avoid</b>	Excessive temperature and heat.
	<b>Stable</b>	X		

**Incompatibility (Materials to Avoid)** Strong oxidizing agents.

**Hazardous Decomposition Products** Carbon dioxide and/or carbon monoxide.

<b>Hazardous Polymerization</b>	<b>Conditions to Avoid</b>		Not applicable.
	<b>May Occur</b>	<b>Will Not Occur</b>	
		X	

## SECTION VII SPILL OR LEAK PROCEDURES

**Steps to be taken in case material is released or spilled**  
Using adequate ventilation, sweep up or vacuum and place in a suitable container for proper disposal. **CAUTION!** Wet powder is slippery. Remove and wash spill area.

**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 an approved incinerator or uncontaminated material may be disposed of in a sanitary landfill.

## SECTION VIII SPECIAL PROTECTION INFORMATION

**Respiration Protection (Specify Type)** None needed in normal laboratory handling. If dusty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA-approved dust mask or respirator.

<b>Ventilation</b>	<b>Local Exhaust</b>	<b>Recommended.</b>	<b>Special</b>	<b>No.</b>
	<b>Mechanical (General)</b>	<b>Recommended.</b>	<b>Other</b>	<b>No.</b>

<b>Protective Gloves</b>	Rubber.	<b>Eye Protection</b>	Chemical safety glasses.
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**Other Protective Equipment** Lab coat, apron, eye wash station, proper gloves, ventilation hood.

## SECTION IX SPECIAL PRECAUTIONS

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

**Other Precautions** Read label on container before using. Do not wear contact lenses when working with chemicals.  
Avoid dispersing dust in air.  
Remove and wash contaminated clothing.

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

<b>Revision</b> No. 2	<b>Date</b> 5/29/98	<b>Approved</b> Michael Raszeja	<b>Chemical Safety Coordinator</b> MR
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The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. \* Hazardous Materials Industrial Standards. Printed on recycled paper.

## SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

<b>Product</b>	GUAR GUM	 <b>CHEMTREC</b> <b>800-424-9300</b> Day 716-226-6177  <b>NFPA HAZARD RATING</b> LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4  <b>HMIS *</b> Health 1 Fire 0 Reactivity 0
<b>Chemical Synonyms</b>	Guar Flour	
<b>Formula</b>	Natural Product	
<b>Unit Size</b>	up to 180 Kg.	
<b>C.A.S. No.</b>	9000-30-0	

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Guar Gum	100%	None established.

**CAUTION! DO NOT TAKE INTERNALLY**

**DO NOT INHALE DUST.**

## SECTION III PHYSICAL DATA

<b>Melting Point (°F)</b>	Not applicable.	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	Not applicable.
<b>Boiling Point (°F)</b>	Not applicable.	<b>Percent Volatile by Volume (%)</b>	Not applicable.
<b>Vapor Pressure (mm Hg)</b>	Not applicable.	<b>Evaporation Rate (Butyl Acetate =1)</b>	Not applicable.
<b>Vapor Density (Air=1)</b>	Not applicable.		
<b>Solubility in Water</b>	Completely soluble in hot or cold water.		
<b>Appearance &amp; Odor</b>	Off white powder; bland odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used)</b>	Not applicable.	<b>Flammable Limits in Air % by Volume</b>	NA	<b>Lower</b>	<b>Upper</b>
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**Extinguisher Media** Water; water spray.

### SPECIAL FIREFIGHTING PROCEDURES

If involved in fire situation, wear a NIOSH/MSHA-approved self-contained breathing apparatus. Use flooding amounts of water in early stages of fire.

### UNUSUAL FIRE AND EXPLOSION HAZARDS

Avoid high dust concentrations which can be explosive. Can react vigorously with oxidizing materials.

D.O.T. NON-REGULATED.

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