



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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MSDS No. GG 250
Effective Date February 13, 1998

SECTION V HEALTH HAZARD DATA

GG 250

Threshold Limited Value None established. (ACGIH 1992-93).
Nuisance Dust Particulates: 10 mg/m³ (Dust).

Effects of Overexposure Oral toxicity low. Local contact may cause contact dermatitis. Inhalation as dust may cause respiratory symptoms such as asthma, watery nose and eyes, cough and wheezing. Hives, eczema and angioedema may also result from inhalation or ingestion.

Emergency and First Aid Procedures

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

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature or heat.
	Stable	X		

Incompatibility (Materials to Avoid) Strong oxidizers.

Hazardous Decomposition Products Thermal decomposition or burning will produce carbon dioxide and/or carbon monoxide.

Hazardous Polymerization		Conditions to Avoid	Not applicable.
May Occur	Will Not Occur		
	X		

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled Sweep up or vacuum and place in a suitable container for recycling or disposal. Wash spill area with soap and water.

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 should be needed in normal laboratory handling. If dusty conditions prevail, work in ventilation hood or wear NIOSH/MSHA-approved dust mask.

Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.

Protective Gloves Rubber - for prolonged contact. **Eye Protection** Chemical safety glasses.

Other Protective Equipment Smock, apron, eye wash station, lab coat, ventilation hood, proper gloves.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing Store in a cool, dry 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 creating dust clouds. Remove and wash contaminated clothing.

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

Revision No. 5	Date 2/13/98	Approved Michael Raszeja	Chemical Safety Coordinator 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

Product	GUM ARABIC (POWDER)	 CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 HMIS * HEALTH FIRE REACTIVITY 1 1 0
Chemical Synonyms	Gum Arabic, Gum Acacia	
Formula	Natural Product	
Unit Size	up to 2.5 Kg.	
C.A.S. No.	9000-01-5	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Gum Arabic, Powder	100%	None established.

CAUTION! DO NOT TAKE INTERNALLY. AVOID PROLONGED

CONTACT WITH SKIN. DO NOT INHALE DUST.

SECTION III PHYSICAL DATA

Melting Point (°F)	Variable (unknown).	Specific Gravity (H₂O = 1)	1.35-1.49
Boiling Point (°F)	Decomposes.	Percent Volatile by Volume (%)	Non-volatile (NA).
Vapor Pressure (mm Hg)	Negligible as solid.	Evaporation Rate (n-Butyl Ac. =1)	Non-volatile (NA).
Vapor Density (Air=1)	Data not listed.		
Solubility in Water	37 grams per 100 mL. water at 25°C.		
Appearance & Odor	Off-white to tan powder; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-flammable (NA).	Flammable Limits in Air % by Volume	Unknown	Lower	Upper
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Extinguisher Media Carbon dioxide (CO₂); dry chemical (ABC); water spray.

SPECIAL FIREFIGHTING PROCEDURES

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

Fire or excessive heat may produce hazardous decomposition products. This material in sufficient quantity and reduced particle size is capable of creating a dust explosion. Can react vigorously with oxidizing materials.

D.O.T. **NON-REGULATED.**

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