



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
Avon, New York 14414
(716) 226-6177

MSDS No. AA 180
Effective Date January 18, 1999

SECTION V HEALTH HAZARD DATA

AA 180

Threshold Limited Value

15 mg/m³ - nuisance dust (Time weighted average).

Effects of Overexposure

INHALATION: Nuisance dust. Irritating to upper respiratory tract, mucous membranes. **EYE CONTACT:** May cause irritation. **INGESTION:** Not considered as a hazardous material. Exercise appropriate procedures to minimize potential hazards. **SKIN:** May cause irritation.

Emergency and First Aid Procedures

EYES: Flush thoroughly with water for 15 minutes, lifting lower and upper eyelids occasionally. If irritation develops or persists, get medical attention. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. **SKIN:** Flush with soap and water. **INGESTION:** If conscious, wash mouth out with water. Call physician. Never give anything by mouth to an unconscious person.

SECTION VI REACTIVITY DATA

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

Incompatibility (Materials to Avoid)	Acid materials, Alkalies.
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Hazardous Decomposition Products	Aluminum oxide dust.
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Hazardous Polymerization		Conditions to Avoid
May Occur	Will Not Occur	Not applicable.
	X	

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Scoop or sweep up and place in a suitable container for proper disposal. Recover for use if not contaminated. Avoid raising dust.
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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.
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Dispose of in accordance with federal, state and local regulations.

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

Protective Gloves	Not required.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment	Goggles, lab coat, eye wash station, ventilation hood.
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SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Keep away from materials with strong odor, as aluminum hydroxide will absorb odors. Store in a dry, cool place. Wash thoroughly after handling. Avoid breathing dust.
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Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals.
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Avoid contact with skin and eyes. 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 1/18/99	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	ALUMINUM HYDROXIDE
Chemical Synonyms	Aluminum Hydroxide, Dried Gel.
Formula	Al(OH) ₃
Unit Size	up to 2.5 Kg.
C.A.S. No.	21645-51-2

CHEMTREC
800-424-9300
Day 716-226-6177

NFPA HAZARD RATING
LEAST SLIGHT MODERATE HIGH EXTREME
0 1 2 3 4

Health	1
Fire	0
Reactivity	0

HMIS *

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Aluminum Hydroxide, Dried Gel	100%	See Section V.
Aluminum Oxide: (CAS No. 1344-28-1)		

CAUTION! MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION.

SECTION III PHYSICAL DATA

Melting Point (°F)	Data not listed.	Specific Gravity (H ₂ O = 1)	Apparent 0.30-0.40
Boiling Point (°F)	Data not listed.	Percent Volatile by Volume (%)	Negligible as solid.
Vapor Pressure (mm Hg)	Solid - not applicable.	Evaporation Rate ()	Not applicable.
Vapor Density (Air=1)	Solid - not applicable.		
Solubility in Water	Insoluble in water.		
Appearance & Odor	Fine white, amorphous powder; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-flammable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Use any media suitable for extinguishing supporting fire.				

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Slight when exposed to heat or flame. Emits toxic fumes under fire conditions.

D.O.T. NON-REGULATED.

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