



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. KK 20
Effective Date March 18, 1999

SECTION V HEALTH HAZARD DATA

KK 20

Threshold Limited Value

TWA as respirable dust (ACGIH 1992-93): 2 mg/m³.

Effects of Overexposure

Nuisance dust symptoms: Respiratory irritation. Prolonged inhalation of high concentrations may cause deposits to form on lungs. Exercise appropriate measures to minimize potential hazards.

Emergency and First Aid Procedures

INGESTION: Treat symptomatically and supportively. Get medical attention immediately. If vomiting occurs, keep head lower than hips to prevent aspiration. Never give anything by mouth to an unconscious person. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **SKIN:** Flush thoroughly with water, then wash with mild soap and water. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Dust formation in the presence of flame or sparks.
	Stable	X		

Incompatibility (Materials to Avoid)	None specifically known.
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Hazardous Decomposition Products	Thermal decomposition may release toxic and/or hazardous gases.
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Hazardous Polymerization	Conditions to Avoid
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 and place in a suitable container for disposal.
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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.

Uncontaminated material may be disposed of in a sanitary landfill. Check local codes.

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

Protective Gloves	None required.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment	Goggles, lab coat, ventilation hood, eye wash station.
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SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a dry place. Wash thoroughly after handling. Use with adequate ventilation.
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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.

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 3/18/99	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	KAOLIN, DRY POWDER
Chemical Synonyms	China Clay
Formula	H ₂ Al ₂ Si ₂ O ₈ •H ₂ O (Approximately)
Unit Size	Up to 2.5 Kg.
C.A.S. No.	1332-58-7

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

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

Health	0
Fire	0
Reactivity	0

HMIS *

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Kaolin, Dry Powder	100%	None established.
Kaolin is a native hydrated Aluminum Silicate.		

CAUTION! DO NOT BREATHE DUST.

SECTION III PHYSICAL DATA

Melting Point (°F)	None listed.	Specific Gravity (H ₂ O = 1)	2.6
Boiling Point (°F)	None listed.	Percent Volatile by Volume (%)	Not applicable.
Vapor Pressure (mm Hg)	Negligible as solid.	Evaporation Rate (≈1)	Not applicable.
Vapor Density (Air=1)	None listed.		
Solubility in Water	Insoluble.		
Appearance & Odor	Grayish-white 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

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

UNUSUAL FIRE AND EXPLOSION HAZARDS

Dust formation in the presence of flame or sparks.

D.O.T. NON-REGULATED.

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