



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. CC 156
Effective Date February 3, 1999

SECTION V HEALTH HAZARD DATA

CC 156

Threshold Limited Value

TWA: 10 mg/m³ (ACGIH 1992-93).

Effects of Overexposure

INGESTION: Because it hardens quickly after absorbing moisture, its ingestion may result in obstruction, particularly at the pylorus. **EYES:** May cause irritation. **SKIN:** Causes drying and irritation. Exercise appropriate procedures to minimize potential hazards.

Emergency and First Aid Procedures

EYE CONTACT: Flush eyes thoroughly with water for 15 minutes occasionally lifting upper and lower eyelids. If irritation persists, get medical attention. **SKIN:** 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. **INGESTION:** If swallowed, if conscious, drink large quantities of water to delay "setting". Get immediate medical attention. Never give anything by mouth to an unconscious person.

SECTION VI REACTIVITY DATA

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| Stability | Unstable | | Conditions to Avoid | Moisture - sets to a hardened mass. |
| | Stable | X | | |

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| Incompatibility (Materials to Avoid) | Inert dry powder. |
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| Hazardous Decomposition Products | When heated to decomposition, emits toxic fumes of oxides of sulfur and Calcium Oxide dust. |
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| Hazardous Polymerization | Conditions to Avoid | | Not applicable. |
| | May Occur | Will Not Occur | |
| | | X | |

SECTION VII SPILL OR LEAK PROCEDURES

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| Steps to be taken in case material is released or spilled | Sweep up and place in a suitable container for proper disposal. Avoid creating excessive dust. Wash spill area with soap and water. |
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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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Uncontaminated material may be disposed of in a sanitary landfill.

SECTION VIII SPECIAL PROTECTION INFORMATION

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| Respiration Protection (Specify Type) | None should be needed in normal laboratory handling. If dusty conditions prevail, work in a 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. |

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| Protective Gloves | None required, but recommend gloves for repeated exposures. | Eye Protection | Chemical safety glasses. |
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| Other Protective Equipment | Goggles, smock, apron, proper gloves, eye wash station, ventilation hood. |
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SECTION IX SPECIAL PRECAUTIONS

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| 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. | |

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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 breathing dust.
Remove and wash contaminated clothing.

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

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| Revision No. 4 | Date 2/3/99 | Approved Michael Raszeja | Chemical Safety Coordinator | MR |
|----------------|-------------|--------------------------|-----------------------------|----|

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

| | | |
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| Product | CALCIUM SULFATE | CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 HMIS * 0 1 2 3 4 |
| Chemical Synonyms | Gypsum, Lumps | |
| Formula | CaSO ₄ •2H ₂ O | |
| Unit Size | up to 12 Kg. | |
| C.A.S. No. | 10101-41-4 | |

SECTION II INGREDIENTS OF MIXTURES

| Principal Component(s) | % | TLV Units |
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| Calcium Sulfate | >90% | See Section V. |

WARNING! HARMFUL IF SWALLOWED.

NUISANCE DUST.

SECTION III PHYSICAL DATA

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| Melting Point (°F) | -H ₂ O @ 128°C (262°F) | Specific Gravity (H ₂ O = 1) | 2.32 |
| Boiling Point (°F) | -2H ₂ O @ 163°C (325°F) | Percent Volatile by Volume (%) | Negligible as solid. |
| Vapor Pressure (mm Hg) | Negligible as solid. | Evaporation Rate (=1) | N/A |
| Vapor Density (Air=1) | N/A | | |
| Solubility in Water | 0.24 grams in 100 mL. water at 20°C. | | |
| Appearance & Odor | White granular or lumps; no odor. | | |

SECTION IV FIRE AND EXPLOSION HAZARD DATA

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

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

UNUSUAL FIRE AND EXPLOSION HAZARDS

When heated to decomposition, emits toxic fumes of oxides of sulfur and Calcium Oxide as dust.

D.O.T. NON-REGULATED.

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