



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. CC 60
Effective Date February 1, 1999

SECTION V HEALTH HAZARD DATA

CC 60

Threshold Limited Value

TWA: 10 mg/m³ ACGIH, 1992-93.

Effects of Overexposure

Low hazard as chips. Inhalation of respirable dusts may aggravate respiratory tracts. Exposure to dust may irritate skin and eyes. Ingestion should not cause any health problems. 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 develops, get medical attention. **SKIN:** Wash with mild soap and water. **INHALATION:** Remove to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. **INGESTION:** If large amount is ingested and if conscious, give large amounts of water to induce vomiting. Get medical attention. Never give anything by mouth to an unconscious person.

SECTION VI REACTIVITY DATA

Stability	Unstable	Stable	Conditions to Avoid
		X	Acids.

Incompatibility (Materials to Avoid)	Will react with acids.
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Hazardous Decomposition Products	Reacts with acids to produce carbon dioxide.
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Hazardous Polymerization	Conditions to Avoid
May Occur	Will Not Occur
	X
	Not applicable.

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Recover as much as possible for use. Vacuum or sweep up and place in a suitable container for proper disposal. Care should be taken to avoid causing dust to become airborne. 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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Dispose of in accordance with federal, state and local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

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.

Protective Gloves	Leather or rubber.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment	Goggles, lab coat, proper gloves, proper ventilation if dusty.
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SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a dry place away from acids. Wash thoroughly after handling.
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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.
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Do not add acid to marble chips in a closed container, dangerous explosion may result. Remove and wash contaminated clothing.

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

Revision	No. 6	Date	2/1/99	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	CALCIUM CARBONATE, CHIPS
Chemical Synonyms	Marble Chips, Boiling Chips
Formula	CaCO ₃
Unit Size	up to 12 Kg.
C.A.S. No.	471-34-1

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
Calcium Carbonate, Chips	>99%	See Section V.
CAUTION! USE EXTREME CARE IN THE USE OF MARBLE CHIPS IN GENERATING CO ₂ .		

SECTION III PHYSICAL DATA

Melting Point (°F)	Decomposes 826°C (1520°F)	Specific Gravity (H ₂ O = 1)	2.85
Boiling Point (°F)	Not applicable.	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	N/A	Evaporation Rate (≈1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	0.001% @ 0°C; 0.002% @ 100°C.		
Appearance & Odor	White stone chips; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Not applicable.	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

The fumes evolved by burning calcium carbonate in air is composed of calcium oxide (quick lime). This material is irritating to the skin, eyes, and mucous membranes.

D.O.T. NON-REGULATED.

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