



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

221 Rochester Street
Avon, New York 14414-9409
(585) 226-6177

MSDS No.: CC0060
Effective Date: January 1, 2007

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 585-226-6177

Health	0
Fire	0
Reactivity	0

NFPA

HAZARD RATING				
MINIMAL	SLIGHT	MODERATE	SERIOUS	SEVERE
0	1	2	3	4

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 CO₂.		

SECTION III PHYSICAL DATA

Melting Point (°F)	Decomposes 826°C (1520°F)	Specific Gravity (H ₂ O = 1)	2.85
Boiling Point (°F)	N/A	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	N/A	Evaporation Rate (Butyl acetate =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)	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

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.

SECTION V HEALTH HAZARD DATA

CC0060

Threshold Limited Value

Calcium carbonate, powder: TWA: 10 mg/m³ ACGIH, 2001.

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. Target rorgans: None known.

Emergency and First Aid Procedures

INGESTION: Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person. **EYES:** Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **SKIN:** Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention. **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	Acids.
	Stable	X		

Incompatibility (Materials to Avoid)	Will react with acids.
---	------------------------

Hazardous Decomposition Products	Reacts with acids to produce carbon dioxide.
---	--

Hazardous Polymerization	Conditions to Avoid	Not applicable.
		X

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.

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 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.
--	---

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

Protective Gloves	Leather or rubber.	Eye Protection	Chemical safety glasses.
--------------------------	--------------------	-----------------------	--------------------------

Other Protective Equipment	Goggles, lab coat, proper gloves, proper ventilation if dusty.
-----------------------------------	--

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a dry place away from acids. Wash thoroughly after handling.
Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals. For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Do not add acid to marble chips in a closed container, dangerous explosion may result. Remove and wash contaminated clothing.

Revision No. 7	Date 01/01/07	Approved James A. Bertsch	Chemical Safety Coordinator JAB
----------------	---------------	---------------------------	---------------------------------

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.

D.O.T. NON-REGULATED.

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