



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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

MSDS No. CC 140  
Effective Date February 3, 1999

## SECTION V HEALTH HAZARD DATA

CC 140

### Threshold Limited Value

None established (ACGIH 1992-93).

### Effects of Overexposure

Ingestion of large quantities may cause symptoms of gastrointestinal irritation, nausea, vomiting, cramps and diarrhea. May cause irritation to skin and eyes. Inhalation of high airborne concentrations of dust may result in irritation of the respiratory tract.

### Emergency and First Aid Procedures

**INHALATION:** Remove to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.  
**SKIN:** Wash with mild soap and water. **EYES:** Flush thoroughly with water for 15 minutes, lifting upper and lower eyelids. Obtain medical attention if irritation persists. **INGESTION:** None should be needed, unless very large quantities are swallowed. If conscious, give one or two glasses of water. Induce vomiting and call physician. Never give anything by mouth to an unconscious person.

## SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	None known.
	Stable	X		

Incompatibility (Materials to Avoid)	This material is relatively inert.
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Hazardous Decomposition Products	None known.
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Hazardous Polymerization		Conditions to Avoid	Not applicable.
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 proper disposal. 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

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

Protective Gloves	None required. Recommend gloves for repeated exposure.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment	Goggles, smock, apron, eye wash station, proper gloves.
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## SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool, dry place. Wash thoroughly after handling.
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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 prolonged or repeated contact. Use with adequate ventilation.  
Remove and wash contaminated clothing.

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

Revision No. 4	Date 2/3/99	Approved Michael Raszeja	Chemical Safety Coordinator MR
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## SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	CALCIUM PHOSPHATE, DIBASIC
Chemical Synonyms	Dicalcium Phosphate Dihydrate
Formula	CaHPO <sub>4</sub> •2H <sub>2</sub> O
Unit Size	up to 2.5 Kg.
C.A.S. No.	7789-77-7

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

NFPA  
HAZARD RATING

LEAST	SLIGHT	MODERATE	HIGH	EXTREME
0	1	2	3	4

HMIS \*

Health	1
Fire	0
Reactivity	0

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Calcium Phosphate, Dibasic	>99%	None established.
CAUTION! AVOID CONTACT WITH SKIN OR EYES.		

## SECTION III PHYSICAL DATA

Melting Point (°F)	Decomposes < 100°C (212°F)	Specific Gravity (H <sub>2</sub> O = 1)	2.306 at 20°C
Boiling Point (°F)	Decomposes.	Percent Volatile by Volume (%)	2% @ 110°C
Vapor Pressure (mm Hg)	Negligible as solid.	Evaporation Rate ( )	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	0.075 grams per 100 mL. in water.		
Appearance & Odor	White, granular or powdered solid; no odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

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

### SPECIAL FIREFIGHTING PROCEDURES

This material is considered noncombustible. Under fire conditions, it will not support combustion. In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective clothing.

### UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce hazardous decomposition products.

D.O.T. NON-REGULATED.

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