



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. CC 255
Effective Date October 30, 1998

SECTION V HEALTH HAZARD DATA CC 255

Threshold Limited Value ACGIH TLV: 10 mg/m³ TWA (total dust), OSHA PEL: 15 mg/m³ TWA (total dust), 5 mg/m³ TWA (respirable dust). Toxicity data: Orl-rat LD50 >4640 mg/kg body weight.

Effects of Overexposure Nuisance dust. **EYE EFFECTS:** Local irritation may result from eye contact with the solid material. **DERMAL EFFECTS:** No specific effects due to skin contact are known to occur. **INHALATION:** No specific health effects are known to occur. High concentration may result in non-specific irritation of the upper respiratory tract. **INGESTION:** Symptoms of non-specific irritation of the gastrointestinal tract such as nausea, vomiting, cramps and diarrhea may occur if large quantities are ingested.

Emergency and First Aid Procedures **INGESTION:** If swallowed, if conscious, give one or two glasses of water to drink. Induce vomiting and call a physician. 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 breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature and heat.
	Stable	X		

Incompatibility (Materials to Avoid) Strong oxidizers.

Hazardous Decomposition Products Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide.

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 Avoid dust generation. Sweep up and place in a suitable container for proper disposal. Flush spill area with 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 an approved incinerator or uncontaminated material may be disposed of in a sanitary landfill.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type) A nuisance dust respirator is recommended when working in an enclosed, dusty area.

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

Protective Gloves Rubber. **Eye Protection** Chemical safety glasses.

Other Protective Equipment Goggles, smock, apron, ventilation hood, fire extinguisher, and eye wash station.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing Store in a dry place away from fire hazards. Wash thoroughly after handling. 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. Avoid inhalation of dusts. Avoid contact with eyes. 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 10/30/98	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	CHARCOAL (ANIMAL, BONE POWDER)	 CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 HMIS * HEALTH FIRE REACTIVITY 0 0 0
Chemical Synonyms	Charcoal, Bone; Bone Char	
Formula	Mixture	
Unit Size	up to 2.5 Kg.	
C.A.S. No.	8021-99-6	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Composition: Carbon: (CAS No. 7440-44-0)	9.5% - 12%	None established.
Tricalcium Phosphate: (CAS No. 12167-74-7)	Bal.	None established.

CAUTION! MAY BE HARMFUL IF SWALLOWED OR INHALED.

SECTION III PHYSICAL DATA

Melting Point (°F)	No data.	Specific Gravity (H₂O = 1)	No data.
Boiling Point (°F)	Non-volatile solid.	Percent Volatile by Volume (%)	Approx. 12% at 870°C
Vapor Pressure (mm Hg)	Negligible as solid.	Evaporation Rate (=1)	Not applicable.
Vapor Density (Air=1)	Not applicable.		
Solubility in Water	Insoluble.		
Appearance & Odor	Black granules or powder; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Not applicable.	Flammable Limits in Air % by Volume	NA	Lower	Upper
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Extinguisher Media Water fog; carbon dioxide (CO₂); dry chemical (ABC).

SPECIAL FIREFIGHTING PROCEDURES

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

UNUSUAL FIRE AND EXPLOSION HAZARDS

Suspended dust particles could create an explosion or fire hazard. Will smolder like charcoal if ignited or raised to a red heat. There is a possibility of carbon monoxide formation where circulation or air is restricted. Can react vigorously with oxidizing materials.

D.O.T. **NON-REGULATED.**

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