



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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MSDS No. CC 265  
Effective Date August 5, 1998

## SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

<b>Product</b>	CHARCOAL, WOOD	 <p>CHEMTREC 800-424-9300 Day 716-226-6177</p> <p>NFPA HAZARD RATING</p> <table border="1"> <tr> <td>LEAST</td> <td>SLIGHT</td> <td>MODERATE</td> <td>HIGH</td> <td>EXTREME</td> </tr> <tr> <td>0</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> </table> <p>HMIS *</p> <table border="1"> <tr> <td>Health</td> <td>0</td> </tr> <tr> <td>Fire</td> <td>2</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	LEAST	SLIGHT	MODERATE	HIGH	EXTREME	0	1	2	3	4	Health	0	Fire	2	Reactivity	0
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<b>Chemical Synonyms</b>	Charcoal, Wood																	
<b>Formula</b>	C																	
<b>Unit Size</b>	up to 2.5 Kg.																	
<b>C.A.S. No.</b>	7440-44-0																	

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Charcoal, Wood	100%	None established.

**WARNING! DO NOT USE FOR INDOOR HEATING OR COOKING UNLESS VENTILATION IS PROVIDED**

**FOR EXHAUSTING FUMES TO OUTSIDE. TOXIC FUMES MAY ACCUMULATE AND CAUSE DEATH.**

## SECTION III PHYSICAL DATA

Melting Point (°F)	Not applicable.	Specific Gravity (H <sub>2</sub> O = 1)	0.30 gram/cc
Boiling Point (°F)	4200°C (7624°F)	Percent Volatile by Volume (%)	Negligible as solid.
Vapor Pressure (mm Hg)	Negligible as solid.	Evaporation Rate (=1)	Not applicable.
Vapor Density (Air=1)	Not applicable.		
Solubility in Water	Negligible.		
Appearance & Odor	Black lumps, powder, granules or sticks; no odor		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used)</b>	Non-volatile solid (NA).	Flammable Limits in Air % by Volume	NA	Lower	Upper
<b>Extinguisher Media</b>	Water fog; foam; carbon dioxide (CO <sub>2</sub> ); dry chemical (ABC).				

### SPECIAL FIREFIGHTING PROCEDURES

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

(1993 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.6, GUIDE PAGE NO. 32)

### UNUSUAL FIRE AND EXPLOSION HAZARDS

Airborne dust. Weak explosion hazard. Fire or excessive heat may produce hazardous decomposition products; can react vigorously with oxidizing materials.

D.O.T. CONSUMER COMMODITY, ORM-D

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

## SECTION V HEALTH HAZARD DATA

CC 265

**Threshold Limited Value** None established.

**Effects of Overexposure** Low hazard. **ORAL INGESTION:** Relatively harmless. **EYE CONTACT:** Non-irritating. **SKIN CONTACT:** Non-irritating. **INHALATION:** Repeated or prolonged exposure to excessive dust may cause pulmonary disorders. Chemically non-irritating. However, as solid particles can cause irritation or injury.

**Emergency and First Aid Procedures**

**EYES:** Flush thoroughly with water for at least 15 minutes, lifting lower and upper eyelids occasionally. If irritation occurs, get medical attention. **INHALATION:** Remove to fresh air. If ill effects develop, treat symptomatically, get medical attention. **SKIN:** Flush thoroughly with water, then wash with mild soap and water.

## SECTION VI REACTIVITY DATA

**Stability**

Unstable		<b>Conditions to Avoid</b>	Excessive temperature and heat.
Stable	X		

**Incompatibility (Materials to Avoid)** Strong oxidizers.

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

**Hazardous Polymerization**

<b>May Occur</b>	<b>Will Not Occur</b>	<b>Conditions to Avoid</b>	Not applicable.
	X		

## SECTION VII SPILL OR LEAK PROCEDURES

**Steps to be taken in case material is released or spilled** Sweep up and claim for reuse, or place in a suitable container for disposal.

**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)** 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	Yes.	Special	No.
Mechanical (General)	If dusty.	Other	No.

**Protective Gloves** None required. **Eye Protection** Chemical safety glasses.

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

## SECTION IX SPECIAL PRECAUTIONS

**Precautions to be Taken in Handling & Storing** Store in a dry area, away from fire hazards and oxidizing materials. 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.

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 8/5/98	Approved Michael Raszeja	Chemical Safety Coordinator MR
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