



Hummel Croton Inc.  
10 Harmich Rd.  
South Plainfield, NJ 07080  
www.HummelCroton.com  
Phone: 908-754-1800  
Fax: 908-754-1815

In Case Of Emergency Call  
(U.S.) (800) 424-9300  
(International) +1 (813) 248-0585

## Charcoal Safety Data Sheet

### 1. Product and Company

Product name: Charcoal

Synonym: Granular Charcoal, Airfloat Charcoal,  
Hardwood Charcoal

CAS-No.: 1333-86-4

Company: Hummel Croton Inc.  
10 Harmich Rd.  
South Plainfield, NJ 07080

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| HMIS Rating         |   |
|---------------------|---|
| Health              | 1 |
| Flammability        | 2 |
| Reactivity          | 1 |
| Personal Protection | E |

Emergency telephone number

Emergency Phone #: Chemtrec US: 1-800-424-9300  
ChemTel International: +1-813-248-0585

### 2. Hazards

GHS Classification: Eye Irritation (Category 2B), H320

#### GHS Label elements

Pictogram(s)



Signal word **WARNING**

Hazard statement(s)

H320 Causes eye irritation

#### Precautionary statement(s)

- P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/ eye protection/ face protection.  
P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 Call a POISON CENTER or doctor/ physician if you feel unwell.  
P330 Rinse mouth.  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.  
P362 Take off contaminated clothing and wash before reuse.  
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
P501 Dispose of contents/ container to an approved waste disposal plant.

#### Hazards not otherwise classified (HNOC) or not covered by GHS

Combustible dust.

### 3. Composition/Ingredients

#### Substance

Formula: C  
Molecular weight: 12.01 g/mol  
CAS-No.: 1333-86-4

| Material | CAS       | %    | OSHA            | ACGIH           |
|----------|-----------|------|-----------------|-----------------|
| Charcoal | 1333-86-4 | 100% | Not Established | Not Established |

### 4. First Aid

**First Aid For Eye:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

**First Aid For Skin:** In case of contact, flush skin with water. Wash clothing before reuse. Call a physician if irritation occurs.

**First Aid For Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**First Aid For Ingestion:** If swallowed, call a physician immediately.

### 5. Fire Data

Flammability: Non-Flammable

Flash Point: Not Applicable

Auto Ignition: Not Applicable

Flammable Limits: Not Applicable

Extinguishing Media: Water spray.

Fire Fighting Procedure: Burning will produce toxic fumes. Wear self-contained breathing apparatus and full turnout gear to fight fires.

Fire/Explosion Hazards: Concentrated dust may present an explosion hazard. May be subject to spontaneous heating, when wet or tightly packed.

## **6. Accidental Release**

Spill Or Leak Procedures: Utilize recommended protective clothing and equipment. Clean spills in a manner that does not disperse dust into the air. Spill area can be washed with water. Collect wash water for approved disposal. Keep from entering water or ground water.

## **7. Handling And Storage**

Storage Temperatures: Store at ambient temperature.

Shelf Life: Unlimited in tightly sealed container

Special Sensitivity: None

Handling/Storage Precautions: Avoid breathing dust. Avoid getting in eyes or on skin. Wash thoroughly after handling. Store in a dry place away from direct sunlight, heat and incompatible materials. Reseal containers immediately after use. Store away from food or beverages.

## **8. Exposure Controls/Personal Protection**

Eye Protection: Safety glasses or goggles.

Skin Protection: PVC gloves with impervious boots, apron or coveralls. Wash hands and face before eating, drinking or using tobacco.

Respirator: Work ambient concentrations should be monitored and if the recommended exposure limit is exceeded, a NIOSH/MSHA approved dust respirator must be worn.

Ventilation: Use local ventilation if dusting is a problem, to maintain air levels below the recommended exposure limit.

Additional Measures: Emergency showers and eye wash stations should be available. Educate and train employees in the safe handling of hazardous chemicals.

## **9. Physical And Chemical Properties**

Physical Form: Granular or powder

Color: Black

Odor: Odorless

Molecular Weight: 12.01

Boiling Point: Above 4500°C

Melting/Freezing Point: 3500°C

Solubility In Water: Insoluble

Specific Gravity: 0.3

## **10. Stability And Reactivity**

Stability: Stable  
Hazardous Polymerization: Will not occur.  
Incompatibilities: Oxidizers.  
Instable Conditions: Excessive temperatures (see incompatibilities).  
Decomposition Temperature: Not established.  
Decomposition Products: Carbon monoxide, carbon dioxide.

### **11. Toxicological Information**

RTECS Number: FL7248000  
Routes of Exposure: Eye contact. Ingestion. Inhalation. Skin contact.  
Toxicity Data: This material has not shown any long term harmful effects  
Chronic Toxic Effects: None  
Acute Toxic Effects: Causes readily reversible changes, which disappear after end of exposure.

### **12. Ecological Information**

Ecotoxicity: Not available at this time.

### **13. Disposal Considerations**

Waste Disposal Method: Waste disposal should be in accordance with existing federal, state and local environmental regulations.

### **14. Transportation Information**

Domestic:  
Proper Shipping Name: Charcoal  
Identification Number: NA1361  
Class: 4.2  
P.G.: III  
Label Code: 4.2

International  
Proper Shipping Name: Charcoal  
UN Number: 1361  
Class: 4.2  
P.G.: III  
Label Code: 4.2

### **15. Regulatory Information**

OSHA Status: This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.  
TSCA Chemical Inventory: This compound is on the EPA Toxic Substance Control Act (TSCA) Inventory List

California Proposition 65: To the best of our knowledge, this product contains no levels of listed substances which the state of California has found to cause cancer, birth defects, or other reproductive effects.

SARA 313 Title III:

Section 320 Extremely Hazardous Substances: None

Section 311/312 Hazardous Categories: None

Section 313 Toxic Chemicals: None

## **16. Other Information**

Prepared By: Michael Richard

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Reason For Issue: Emergency Contact Update

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