



1. PRODUCT IDENTIFICATION:  
PRODUCT USE:

NUT SHELL  
Blast Cleaning, polishing, water filtration, filler  
and extender, cosmetics, loss circulation material

MANUFACTURER:

Hammons Products Company  
PO Box 140, 105 Hammons Drive  
Stockton, MO 65785

EMERGENCY PHONE:

Office Hours: 417-276-5181

TRANSPORTATION OF DANGEROUS GOOD CLASSIFICATION:

Not Regulated

WHMIS CLASSIFICATION:

Not Regulated

2. INGREDIENTS

CHEMICAL NAME:  
Powdered Organic Amendment  
Nuisance Dust

CAS#	TLV(mg/m3)	LD50(mg/kg)
N/D	N/E	> 2000
% Range - (60 to 100)		

3. PHYSICAL DATA

Physical state.....Solid  
 Odor threshold.....N/A  
 Specific gravity.....1.2-1.4  
 Density.....0.64 kg/L  
 pH.....7.5  
 Solubility in water.....Not water soluble  
 Appearance & odor.....Yellow/brown powder

Freezing point.....N/A  
 Boiling point.....N/A  
 Vapor pressure.....N/A  
 Vapor density (air = 1).....N/A  
 Evaporation rate.....N/A  
 Coeff. of water/oil.....N/A

4. FIRE AND EXPLOSION HAZARD DATA

CONDITIONS OF FLAMMABILITY:

Non Flammable

EXTINGUISHING MEDIA:

WATER	FOAM	CO <sub>2</sub>
X	X	X

OTHER: Dry Chemical

SPECIAL PROCEDURES:

If improperly handled, stored, and/or exposed to an ignition source, this material may burn

FLASH POINT: 380° F

**MATERIAL SAFETY DATA SHEET: NUTSHELL** Page: 2 of 3

**FLAMMABLE LIMITS IN AIR % BY VOLUME:** 470° F **LOWER** **UPPER**  
 N/A N/A  
**AUTO IGNITION TEMP (Deg. C):** N/A  
**HAZARDOUS COMBUSTION PRODUCTS:** N/D  
**EXPLOSION DATA:**  
 Sensitivity to Impact..... None known  
 Sensitivity to Static Discharges..... Not sensitive (minimum spark ignition energy > 8J)  
 Relative Explosion Hazard Rating..... Weak

**5. REACTIVITY DATA**

**STABILITY (NORMAL COND.):**  
 Stable: X Unstable:

**CONDITIONS TO AVOID:** None  
**CONDITIONS OF REACTIVITY:** None  
**INCOMPATIBILITY (Materials to Avoid):** None  
**HAZARDOUS DECOMPOSITION PRODUCTS:** None

**6. TOXICOLOGICAL PROPERTIES**

**ROUTE OF ENTRY:**  
 Skin Contact  
 Absorbed by skin  
 Eye Contact  
 Inhalation  
 Ingestion

Effects of acute exposure: None  
 Effects of chronic exposure: None

Oral rat LD50 mg/kg (calc.).....	> 2000	Exposure limits.....	N/D
Irritancy.....	N/D	Sensitization.....	N/D
Synergistic Mat.....	None known	Carcinogenicity.....	None known
Reproductive.....	None known	Teratogenicity.....	None known
Mutagenicity.....	None known		

**7. PREVENTIVE MEASURES**

**PERSONAL PROTECTIVE EQUIPMENT:**

Eye Protection: X      Gloves: X      Clothing:



**RESPIRATORY PROTECTION:**

Use dust mask in severe conditions

**VENTILATION REQUIREMENTS:**

Not normally required

**SPILL AND LEAK PROCEDURES:**

Sweep up and return to container

**WASTE DISPOSAL:**

No special requirements necessary

**HANDLING PROCEDURES:**

Wear safety glasses for normal use. Avoid generating excessive dust, wear dust mask in severe conditions.

**STORAGE REQUIREMENTS:**

Keep dry

**SPECIAL HANDLING INFORMATION:**

Treat as a nuisance dust

**8. FIRST AID MEASURES**

Not normally required.

Wash off skin with soap and water.

If inhaled, remove to fresh air, treat symptoms as required.

Not toxic if ingested.

**9. OTHER INFORMATION**

**Definitions:**

N/D - No Data

N/A - Not Applicable

N/E - Not Established

< - Less than

A = Oral rat LD50

B = Oral rat LD low

C = Oral LD50/LD low other animal

> - Greater than

D = Estimated 1000

E = Arbitrary 2000

F = Other route prefix

C = Ceiling limit

**Hazard Ratings:**

0 = Least

1 = Slight

2 = Moderate

3 = High

4 = Severe

Health = 1

Fire = 0

Reactivity = 0

Equipment = 0

**10. PREPARATION INFORMATION**

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