



Walnut Shell

Safety Data Sheet Walnut Shell, Grit and Flour

SECTION 1. IDENTIFICATION

Product Identifier Walnut Shell, Grit and Flour
Other Means of Identification Ground Walnut Shell (All grades – Coarse, Medium, and Fine)
Recommended Use For industrial use.
Restrictions on Use n/a
Initial Supplier Identifier Prairie Mud Service, 738 6th Street, Estevan, SK S4A 1A4
Emergency Telephone Number 306-634-3411

SECTION 2. HAZARD IDENTIFICATION

Classification Not classified as hazardous goods
Label Elements None required
Other Hazards None identified

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration	Common name / Synonyms	Other identifiers
Natural Walnut Shell	84012-43-1	100%	Nut Shell, Ground walnut shell	Ground Walnut Shell (All grades – Coarse, Medium, and Fine)

Notes

SECTION 4. FIRST-AID MEASURES

Inhalation Remove to fresh air. Seek medical attention if irritation persists.
Skin Contact Wash with soap and water.
Eye Contact Rinse thoroughly with plenty of water, also under the eyelids.
Ingestion None under normal use conditions.
Most Important Symptoms and Effects, Acute and Delayed May cause mechanical eye irritation. Inhalation of dust may cause mechanical irritation to the respiratory tract.
Immediate Medical **Note to Physicians:** Treat symptomatically.



Attention and Special Treatment

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Water.

Extinguishing Media

Unsuitable Not determined.

Extinguishing Media

Specific Hazards

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

Arising from the

Product

Hazardous combustion products: None.

Special Protective

Wear self container breathing apparatus and protective suit. Use personal protective equipment as required.

Equipment and

Precautions for Fire-

Fighters

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in the immediate area)

Precautions,

For emergency responders: Use personal protection recommended in section 8.

Protective

Equipment, and

Emergency

Procedures

Methods for

Prevent further leakage or spillage if safe to do so. Sweep up and shovel into appropriate containers for disposal. Spilled material can be a slipping hazard. See Section 13, Disposal Considerations for further information.

Containment and

Cleaning Up

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid contact with eyes. Use only in a well ventilated area. Avoid generation of dust. Handle in accordance with good industrial hygiene and safety practice.

Conditions for Safe Storage

Keep containers closed in a dry, cool and well ventilated place. Keep in properly labeled containers. Store away from heat, sparks and flames.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA	STEL	TWA	STEL

Notes

This Product as supplied does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate

Provide local ventilation if dust is generated.

Engineering Controls



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Individual Protection Measures

Eye/Face Protection	Safety glasses. Goggles. Face protection shield.
Hand Protection	Gloves are not required for normal use.
Skin Protection	No special measures are necessary under normal conditions of use.
Respiratory Protection	Provide adequate ventilation

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid
Appearance	Grit: Light brown granules Flour: Light
Odour	Low to no odour
Odour Threshold	Not determined
pH	4-5
Colour	Light brown
Melting Point and Freezing Point	Not applicable
Initial Boiling Point and Boiling Range	Not applicable
Flash Point	193 °C / 380 °F
Evaporation Rate	Not applicable
Flammability (solid, gas)	Not determined
Upper and Lower Flammability or Explosive Limit	Not determined
Vapour Pressure	Not applicable
Vapour Density (air = 1)	Not applicable
Relative Density (water = 1)	1.2-1.35
Solubility in Water	Not applicable
Solubility in Other Liquids	Not applicable
Partition Coefficient, n-Octanol / Water (Log Kow)	Not determined
Auto-ignition Temperature	243 °C / 470 °F
Decomposition Temperature	Not determined
Kinematic Viscosity	Not determined
Dynamic Viscosity	Not determined
Explosive Properties	Not determined
Oxidizing Properties	Not determined



SECTION 10. STABILITY AND REACTIVITY

Reactivity Not reactive under normal conditions
Chemical Stability Stable under normal conditions
Hazardous Polymerization Hazardous polymerization does not occur.
Possibility of Hazardous Reactions None under normal processing
Conditions to Avoid Excessive heat. Ignition sources.
Incompatible Materials None known based on information supplied.
Hazardous Decomposition Products None under normal use conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation Skin contact Eye contact Ingestion

Acute Toxicity

LC50

LD50 (oral)

LD50 (dermal)

Notes

This product does not present an acute toxicity hazard based on known or supplied information.

Skin Corrosion / Irritation

None determined

Serious Eye Damage / Irritation

None determined

STOT (Specific Target Organ Toxicity) - Single Exposure

None determined

Aspiration Hazard

None determined

STOT (Specific Target Organ Toxicity) - Repeated Exposure

None determined

Respiratory and/or Skin Sensitization

None determined

Carcinogenicity

Chemical Name	IARC	ACGIH®	OSHA
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Notes

Reproductive Toxicity

Development of Offspring

None determined

Sexual Function and Fertility

None determined



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Effects on or via Lactation None determined
Germ Cell None determined

Mutagenicity Interactive Effects None determined

SECTION 12. ECOLOGICAL INFORMATION *(section heading must appear; all content is optional)*

Ecotoxicity An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Persistence and Degradability Not determined
Bioaccumulative Potential Not determined
Mobility in Soil Not determined
Other Adverse Effects Not determined

SECTION 13. DISPOSAL CONSIDERATIONS *(section heading must appear; all content is optional)*

Disposal Methods Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14. TRANSPORT INFORMATION *(section heading must appear; all content is optional)*

Regulation	UN No.	Proper Shipping Name	Technical Name (for N.O.S. entry)	Transport Hazard Class(es)	Packing Group
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Special Precautions Environmental Hazards Transportation of this material is not regulated.
Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15. REGULATORY INFORMATION *(section heading must appear; all content is optional)*

Safety, Health and Environmental Regulations No chemical safety assessment has been carried out for this substance/mixture by the supplier.

SECTION 16. OTHER INFORMATION

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