



MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Walnut Shell
Chemical Name: Natural - Organic
Chemical Family: Walnut Shell - Organic

Company Identification

Nikan West Gilsonite
No.1, Shayesteh Dead-end, Molla Hosseini, Ebrahimi, Manzarieh St., Niavaran Ave.
Tehran-Iran.
Tel: 0098 21 26155936
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2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

This product is not classified under the GHS.

REPRODUCTIVE HAZARDS:

None.

CARCINOGENICITY INFORMATION:

No known cancer hazards.

Material is light brown with no odor. Grit is granular and flour is powdery. Avoid creating airborne dust. Avoid ignition sources. Provide ventilation. Avoid breathing dust. Spilled material can be slippery and cause falls if walked on.

Potential Health Effects:

Eye: Solid or dusts may cause irritation or scratch the surface of the eye.

Skin: N/A

Ingestion: N/A

Inhalation: Potential respiratory tract irritation.

Chronic health effects: Non Known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT LISTING:

Chemical Name	Amount	CAS Number
WALNUT SHELL	100.0 %	Blend



This product contains no known hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

As defined under Sara 311 and 312, this product contains no known hazardous materials.

4. FIRST AID MEASURES

INHALATION: If there is gross inhalation of dusting causing shortness of breath or coughing, remove victim to fresh air. If breathing has stopped, perform artificial respiration. Seek medical attention.

EYES: Immediately flush eye thoroughly with water. Continue flushing eye for at least 15 minutes, including under lids. Seek medical treatment if irritation, pain, swelling, or laceration exists.

SKIN: Wash skin with cool water and pH-neutral soap or a mild detergent. Seek medical treatment if irritation or inflammation develops or persists.

INGESTION: If large amounts are swallowed, get medical attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

COC Flash Point: 193.3 C (379.9 F)

Auto ignition Temperature: N/A

EXTINGUISHING MEDIA: Water

EXPLOSION DATA: None. If improperly handled, stored, and/or exposed to an ignition source, this material may burn.

HZARDOUSE COMBUSTION PRODUCTS: None

FIRE FIGHTING INSTRUCTIONS: None

6. ACCIDENTAL RELEASE MEASURES

CLEANUP PROCEDURES: Restrict access to area until completion of cleanup. Spilled material can be a slipping hazard. Eliminate flames, sparks, and excessive temperatures. Use dustless methods to minimize generation of airborne respirable dust.

7. HANDLING AND STORAGE

HANDLING PROCEDURES: Use proper equipment for lifting and transporting all containers. Use sensible industrial hygiene and housekeeping practices. Wash thoroughly after handling. Avoid situations that could lead to harmful exposure.

STORAGE: Store in a cool, dry, well-ventilated area. Keep away from heat and open flames.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Ensure that sufficient ventilation is available to keep dust below nuisance levels.



RESPIRATORY PROTECTION: Respirators must be NIOSH approved and properly selected, maintained and used when working with this product. Knowledge of respiratory hazards and respiratory protection is essential to ensure appropriate selection of respirators. Use an approved NIOSH dust respirator with a minimum N95 rating.

SKIN PRPTECTION: Wear clothing to prevent contact with skin.

EYE AND FACE PROTECTION: Safety glasses with side shields or goggles are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Granular/Powder Particles
COLOR:	Light Brown
ODOR:	None
SPECIFIC GRAVITY:	1.2 (Water = 1)

10. STABILITY AND REACTIVITY

STABILITY: Stable

HZARDOUSE POLYMERIZATION: Will not occur.

INCOMPATIBILITY: Excessive heat, ignition sources

MATERIALS TO AVOID: Strong acids, oxidizing agents, and caustics

HZARDOUSE DECOMPOSITION PRODUCTS: Will not occur.

11. TOXICOLOGICAL INFORMATION

RRESOURCE CONSERVATION AND RECOVERY ACT: Walnut Shell is NOT classified as a hazardous material under RCRA or its regulations.

TOXIC SUNBSTANCES CONTROL ACT: Walnut Shell is an organic product and not subject to TSCA requirements.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL TOXICITY: Non-hazardous

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Dispose of waste material in accordance with all local, state/provincial, and national requirements.



14. TRANSPORT INFORMATION

D.O.T. HAZARD CLASS: Non-Hazardous

NATIONAL MOTOR FREIGHT CLASSIFICATION: Class 55 – Item 175480

15. REGULATORY INFORMATION

REGULATORY LISTS SEARCHED:

01 = SARA 313

03 = SARA 302/304

05 = ACGIH TWA

07 = ACGIH CALC TLV

09 = CANADIAN WHMIS

02 = CA Proposition 65

04 = CERCLA 302.4

06 = ACGIH STEL

08 = OSHA PEL

10 = OSHA Ceiling

EEC Symbols and Indications of Danger:

Not Determined

WHMIS Hazard Symbols:

None

RCRA Hazardous Substances:

Walnut Shell

CA Proposition 65:

Walnut Shell

16. OTHER INFORMATION

ABBREVIATIONS USED IN THIS MSDS:

TLV - THRESHOLD LIMIT VALUE

TWA - Time Weighted Average

STEL - SHORT TERM EXPOSURE LIMIT

CAS - Chemical Abstract Service Number

N/A - Not Applicable or Not Available

PEL - Permissible Exposure Limit

DISCLAIMER OF LIABILITY: The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

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