Walnut Shell Powder

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / March 26, 2012 / Rules and Regulation

Revision Date: 22-Sep-2021
Supersedes: 23-Jun-2020

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Walnut Shell Powder
Synonyms: No data available
INCI Name: Juglans regia (walnut)
CAS Number: 84012-43-1
Formula: No data available
Product Form: Solid (powder)
Product Use: Cosmetic use

Distributor: MakingCosmetics Inc.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)
Phone / Fax: 425-292-9502 / 425-292-9601
Web: **www.makingcosmetics.com**

Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification: Not classified
GHS Labeling: Not a dangerous substance according to GHS
GHS Hazard Pictograms: None
GHS Hazard Statements: This material, like most powdered agricultural products, is capable of creating a dust explosion.
GHS Precautionary Statements: None
Potential Health Hazards: Eyes: Direct contact with eyes may cause temporary irritation.
Inhalation: Not expected to be irritant.
Skin: Direct contact with skin may cause temporary irritation.
Ingestion: Inhalation of dust may cause mechanical irritation to the respiratory tract.

NFPA Ratings (704):

Health	N/A	N/A
Flammability	N/A	N/A
Reactivity	N/A	N/A
Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Walnut Shell Powder	84012-43-1	100%	Not Available

4 FIRST AID MEASURES

Eyes: Rinse thoroughly with plenty of water, also under the eyelids. Seek medical attention if necessary.
Inhalation: Remove to fresh air. Seek medical attention if necessary.
Skin: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Seek medical attention if necessary.
Ingestion: Clean mouth with water and drink afterwards plenty of water. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Seek medical attention if necessary.
Note: Walnut Shell, a tree nut product, may contain walnut proteins that have been known to cause allergic reaction

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperature. Use appropriate media (Use extinguishing measures that are appropriate to local circumstances and the surrounding environment) for adjacent fire. Do not use heavy water stream.
Special protective equipment & precautions for firefighters: AVOID GENERATING DUST. Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points: No data available

Specific hazards arising from the chemical: May emit toxic fumes under fire conditions. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: Ensure adequate ventilation. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.

Environmental precautions: Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.

Methods and material for containment and cleaning up: Prevent further leakage or spillage if safe to do so. Sweep up and shovel into suitable containers for disposal. Spilled material can be a slipping hazard. Avoid generating dust. Eliminate flames, sparks, excessive temperatures and oxidizing agents. Use only non-sparking tools.

7 HANDLING & STORAGE

Precautions for safe handling: Ensure adequate ventilation. Avoid generation of dust. Ensure that dust does not accumulate on surfaces. Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.

Conditions for safe storage, incl. any incompatibilities: Keep container tightly closed in a dry and well-ventilated place @ 25°C. Store away from heat, sparks, flame, and incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	Exposure Limits	Basis	Entity
Walnut Shell Powder	5 mg/m^3	PEL (TWA) (Respirable Fraction)	US OSHA
	10 mg/m^3	PEL (TWA) (Total Dust)	US OSHA
	5 mg/m^3	TWA (Respirable Fraction)	US ACGIH
	15 mg/m^3	TWA (Total Dust)	US ACGIH

TWA: Time Weighted Average over 8 hours of work.
TLV: Threshold Limit Value over 8 hours of work.
REL: Recommended Exposure Limit
PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
IDLH: Immediately Dangerous to Life or Health
WEEL: Workplace Environmental Exposure Levels
CEIL: Ceiling

Personal Protection:

Eyes: Tight sealing safety goggles should be worn.

Inhalation: Nuisance dust mask 3M type 8710 or equivalent. Provide local ventilation if dust is generated. Explosion-proof general and local exhaust ventilation. Use explosion proof electrical equipment for very high dust levels. Ensure ventilation and dust-handling systems prevent the escape of dust into work areas and there is no leakage from equipment.

Body: Protective gloves should be worn. Long sleeved clothing.

Other: Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid (powder)	**Vapor Pressure:**	No data available
Odor:	Mild characteristic	**Vapor Density:**	No data available
Odor Threshold:	No data available	**Evaporation Rate:**	No data available
Color:	Light tan to brown	**Flammability:**	No data available
Molecular Weight:	No data available	**Upper/lower Explosive Limit:**	No data available
pH:	No data available	**Flash Point:**	No data available
Boiling Point:	No data available	**Specific Gravity:**	No data available

Melting Point:	No data available	**Solubility in Water:**	Insoluble
Relative Density:	No data available	**Auto-Ignition Temperature:**	No data available
Partition Coefficient: n-octanol/water:	No data available	**Decomposition Temperature:**	No data available
Viscosity, Dynamic:	Not determined	**Explosive Properties:**	May form combustible dust concentrations in air.
Oxidizing Properties:	None	**Freezing Point:**	No data available

10 STABILITY AND REACTIVITY

Reactivity:	Not reactive under normal conditions of use.
Chemical Stability:	Stable under normal conditions. Not sensitive to mechanical impact or static discharge.
Hazardous Polymerization:	None under normal processing.
Conditions to Avoid:	Exposure to air or moisture over prolonged periods. Excessive heat. Ignition sources.
Incompatible Materials:	Oxidizing agents.
Hazardous Decomposition Products:	None under normal use conditions.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not classified (Based on available data, the classification criteria are not met).
Skin:	Not classified (Based on available data, the classification criteria are not met).
Eyes:	Not expected to be irritating to the eyes. Direct contact with eyes may cause temporary irritation.
Respiratory:	Not classified (Based on available data, the classification criteria are not met).
Ingestion:	Not classified (Based on available data, the classification criteria are not met).
Carcinogenicity:	Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
Teratogenicity:	No data available
Germ Cell Mutagenicity:	Not mutagenic.
Embryotoxicity:	No data available
Specific Target Organ Toxicity:	No known hazard.
Reproductive Toxicity:	Not a reproductive toxin.
Respiratory/Skin Sensitization:	No data available
Corrosivity:	No data available
Sensitization:	Not expected to be a skin sensitizing agent. Walnut shell, a tree nut product, may contain walnut proteins that have been known to cause allergic reaction.
Irritation:	Not irritating to skin.
Repeated Dose Toxicity:	No known hazard.

12 ECOLOGICAL INFORMATION

Ecotoxicity	Not toxic to the environment.
Aquatic Vertebrate:	No data available
Aquatic Invertebrate:	No data available
Terrestrial:	No data available
Persistence and Degradability:	Expected to be biodegradable.
Bioaccumulative Potential:	Not expected to bioaccumulate.
Mobility in Soil:	Floats on water.
PBT and vPvB Assessment:	Not PBT or vPvB.
Other Adverse Effects:	None known.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.
Product Containers:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not regulated.
TDG (Transportation of Dangerous Goods, Canada):	No data available
IMDG (International Maritime Dangerous Goods):	Not regulated.
IATA (International Air Transport Association):	Not regulated.
ICAO (International Civil Aviation Organization):	Not regulated.
ADR/RID:	Not regulated.

15 REGULATORY INFORMATION

TSCA Inventory Status:	No data available
DSCL (EEC):	No data available
WHMIS (Canada):	No data available
DSL (Canada):	Complies.
EU EINECS/ELINCS/NLP:	Complies.
China IECSC:	Complies.
China IECIC (06.30.2014):	No data available
Australia AICS:	Complies.
Japan ENCS:	No data available
Philippines PICCS:	No data available
Korea KECI:	No data available
New Zealand NZIoC:	No data available

16 OTHER INFORMATION

Revision Date:	22-Sep-2021
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitableness & completeness of such information for his own particular use.