

Walnut Shell Powder 40/100

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## SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION

Product identifier used on the label

: **Walnut Shell Powder 40/100**

Product Code(s) : Not available.

Recommended use of the chemical and restrictions on use

: Cosmetics  
No restrictions on use known.

Chemical family : Juglandaceae

Name, address, and telephone number  
of the supplier:

**Essential Ingredients**

YouWish

Venserweg 21 M

1112 AR Diemen

The Netherlands www.youuwish.nl

Supplier's Telephone #

: (770) 831-9010

: (800) 424-9300 (CHEMTREC)

**24 Hr. Emergency Tel #**

Name, address, and telephone number of  
the manufacturer:

YouWish

### SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

Light tan to brown powder.

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

Label elements

*Signal Word*

None required.

*Hazard statement(s)*

Not required

*Precautionary statement(s)*

None required.

Other hazards

Other hazards which do not result in classification: May form combustible dust - air mixtures. Product dust may be irritating to eyes, skin and respiratory system. Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough. May cause an allergic respiratory reaction (e.g. asthma) in some hypersensitive individuals. Pneumoconiosis, or "dusty lung" disease, may result from chronic exposure to any dust.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>Common name and synonyms</u>	<u>CAS #</u>	<u>Concentration</u>
Walnut Shell Powder	Not available.	None	100.00

No hazardous components. Contains walnut shell powder.

### SECTION 4. FIRST-AID MEASURES

Description of first aid measures

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- Ingestion* : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. When symptoms persist or in all cases of doubt seek medical advice.
- Inhalation* : Move to fresh air. If breathing is difficult, give oxygen by qualified medical personnel only. If breathing is irregular or stopped, administer artificial respiration. When symptoms persist or in all cases of doubt seek medical advice.
- Skin contact* : For skin contact, wash with soap and water while removing contaminated clothing. If skin irritation or rash occurs, seek medical advice/attention. Wash contaminated clothing before reuse.
- Eye contact* : Flush eyes with water for at least 15 minutes while holding eyelids open. If irritation or symptoms develop, seek medical attention.

### Most important symptoms and effects, both acute and delayed

- : Direct eye contact may cause temporary redness. Symptoms may include stinging and tearing. Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough. May cause an allergic respiratory reaction (e.g. asthma) in some hypersensitive individuals.

### Indication of any immediate medical attention and special treatment needed

- : Treat symptomatically.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing media

#### *Suitable extinguishing media*

- : Carbon dioxide (CO<sub>2</sub>); Dry chemical; Alcohol-resistant foam; water fog .

#### *Unsuitable extinguishing media*

- : Do not use a solid water stream as it may scatter and spread fire.

### Special hazards arising from the substance or mixture / Conditions of flammability

- : Not considered flammable. Dust may be ignited if suspended in air, however, not expected to be a significant fire risk.

### Flammability classification (OSHA 29 CFR 1910.106)

- : Not flammable.

### Hazardous combustion products

- : Carbon oxides and other irritating fumes and smoke.

### Special protective equipment and precautions for firefighters

#### *Protective equipment for fire-fighters*

- : Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

#### *Special fire-fighting procedures*

- : Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses. Dike for water control.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

- : All persons dealing with the clean-up should wear the appropriate chemically protective equipment. Keep people away from and upwind of spill/leak. Restrict access to area until completion of clean-up. Refer to protective measures listed in sections 7 and 8.

### Environmental precautions

- : Ecological injuries are not known or expected under normal use.

### Methods and material for containment and cleaning up

- : Ventilate the area. Prevent further leakage or spillage if safe to do so. Sweep up or vacuum up spillage and collect in suitable container for disposal. Use only non-sparking tools and equipment in the clean-up process. For waste disposal, see Section 13 of the SDS. Contact the proper local authorities.

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### Special spill response procedures

- : If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8802).  
US CERCLA Reportable quantity (RQ): None known.

### SECTION 7. HANDLING AND STORAGE

#### Precautions for safe handling

- : Use with adequate ventilation. Wear suitable protective equipment during handling. Avoid breathing dust, fume or vapors. Wear protective gloves. Avoid contact with skin, eyes and clothing. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools with this material. Keep away from extreme heat and direct flame. Keep container tightly closed when not in use. Wash thoroughly after handling. Protect from moisture. Avoid and control operations which create dust.

#### Conditions for safe storage

- : Store in cool/well-ventilated place. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces.

#### Incompatible materials

- : Oxidizing agents

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Exposure Limits:

<u>Chemical Name</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Walnut Shell Powder	N/Av	N/Av	N/Av	N/Av

#### Exposure controls

##### Ventilation and engineering measures

- : Use with adequate ventilation. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. In case of insufficient ventilation wear suitable respiratory equipment.

##### Respiratory protection

- : If airbourne concentrations are above the permissible exposure limit or are not known, use NIOSH-approved respirators. Advice should be sought from respiratory protection specialists.

##### Skin protection

- : Gloves impervious to the material are recommended. Advice should be sought from glove suppliers.

##### Eye / face protection

- : Wear chemical splash goggles to prevent dusts from entering the eyes.

##### Other protective equipment

- : Other equipment may be required depending on workplace standards. An eyewash station and safety shower should be made available in the immediate working area.

##### General hygiene considerations

- : Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** : Tan to brown powder
- Odour** : slight
- Odour threshold** : N/Av
- pH** : N/Av
- Melting/Freezing point** : N/Av

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### Initial boiling point and boiling range

: N/Av

Flash point : 193.3°C (380°F)

Flashpoint (Method) : N/Av

Evaporation rate (BuAe = 1) : N/Av

Flammability (solid, gas) : N/Av

Lower flammable limit (% by vol.) : N/Av

Upper flammable limit (% by vol.) : N/Av

Oxidizing properties : None known.

Explosive properties : Dust may form explosive mixture in air.

Vapour pressure : N/Av

Vapour density : N/Av

Relative density / Specific gravity : 1.35 g/cm3

Solubility in water : practically insoluble

Other solubility(ies) : N/Av

Partition coefficient: n-octanol/water or Coefficient of water/oil distribution

: N/Av

Auto-ignition temperature : N/Av

Decomposition temperature : N/Av

Viscosity : N/Av

Volatiles (% by weight) : N/Av

Volatile organic Compounds (VOC's) : N/Av

Absolute pressure of container : N/Av

Flame projection length : N/Av

Other physical/chemical comments : No additional information.

### SECTION 10. STABILITY AND REACTIVITY

Reactivity : Not normally reactive.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : Hazardous polymerization does not occur.

Conditions to avoid : Avoid contact with incompatible materials. Keep away from direct sunlight. Keep away from heat, direct flame and other ignition sources. Avoid moisture.

Incompatible materials : Oxidizing agents

Hazardous decomposition products : None known, refer to hazardous combustion products in Section 5.

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure:

Routes of entry inhalation : YES

Routes of entry skin & eye : YES

Routes of entry Ingestion : YES

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### Routes of exposure skin absorption

: NO

### Potential Health Effects:

#### Signs and symptoms of short-term (acute) exposure

##### *Sign and symptoms Inhalation*

: Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough.

##### *Sign and symptoms ingestion*

: Ingestion of large amounts may be harmful.

##### *Sign and symptoms skin*

: May cause mild skin irritation on prolonged contact.

##### *Sign and symptoms eyes*

: May cause minor, temporary irritation to eyes. Symptoms may include stinging and tearing.

#### Potential Chronic Health Effects

: Pneumoconiosis, or "dusty lung" disease, may result from chronic exposure to any dust.

#### Mutagenicity

: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

#### Carcinogenicity

: No component of this product present at levels greater than, or equal to, 0.1% is identified as a carcinogen or potential carcinogen by ACGIH, IARC, OSHA, or NTP.

#### Reproductive effects & Teratogenicity

: Not expected to cause reproductive effects.

#### Sensitization to material

: May cause an allergic respiratory reaction (e.g. asthma) in some hypersensitive individuals. Not expected to be a skin sensitizer.

#### Specific target organ effects

: The substance or mixture is not classified as specific target organ toxicant, single exposure.  
The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

#### Medical conditions aggravated by overexposure

: Pre-existing skin, eye and respiratory disorders.

#### Synergistic materials

: None reported by the manufacturer.

#### Toxicological data

: See below for toxicological data on the substance.

<u>Chemical name</u>	<u>LC<sub>50</sub>(4hr)</u>	<u>LD<sub>50</sub></u>	
	<u>inh. rat</u>	<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Walnut Shell Powder	N/Av	N/Av	N/Av

#### Other important toxicological hazards

: To the best of our knowledge, the toxicological properties of this material have not been thoroughly investigated.

## SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

: No data is available on the product itself.

See the following tables for individual ingredient ecotoxicity data.

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### Ecotoxicity data:

<u>Ingredients</u>	CAS No	Toxicity to Fish		
		LC50 / 96h	NOEC / 21 day	M Factor
Walnut Shell Powder	None	N/Av	N/Av	None.

<u>Ingredients</u>	CAS No	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
Walnut Shell Powder	None	N/Av	N/Av	None.

<u>Ingredients</u>	CAS No	Toxicity to Algae		
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor
Walnut Shell Powder	None	N/Av	N/Av	None.

### Persistence and degradability

: No data is available on the product itself.

### Bioaccumulation potential

: This product has no known eco-toxicological effects.

<u>Components</u>	<u>Partition coefficient n-octanol/ater (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Walnut Shell Powder (CAS None)	N/Av	N/Av

**Mobility in soil** : No data is available on the product itself.

### Other Adverse Environmental effects

: None known.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Handling for Disposal

: Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8.


### Methods of Disposal

: Dispose in accordance with all applicable federal, state, provincial and local regulations.

### RCRA

: If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

## SECTION 14. TRANSPORTATION INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
TDG	None.	Not regulated.	not regulated	none	

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<b>TDG Additional information</b>	None.				
49CFR/DOT	None.	Not regulated.	not regulated	none	
<b>49CFR/DOT Additional information</b>	None.				

**Special precautions for user** : Appropriate advice on safety must accompany the package.

**Environmental hazards** : This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See ECOLOGICAL INFORMATION, Section 12.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

: Not applicable.

### SECTION 15 - REGULATORY INFORMATION

#### US Federal Information:

Components listed below are present on the following U.S. Federal chemical lists:

<u>Ingredients</u>	CAS #	TSCA Inventory	CERCLA Reportable Quantity(RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de minimus Concentration
Walnut Shell Powder	None	NL	N/Ap	N/Ap	No	N/Ap

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: None. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds for the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

FDA regulated cosmetic raw material. Not subject to TSCA.

#### US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

<u>Ingredients</u>	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Walnut Shell Powder	None	No	N/Ap	No	No	No	No	No	No

#### Canadian Information:

WHMIS information: Refer to Section 2 for a WHMIS Classification for this product.

#### International Information:

Components listed below are present on the following International Inventory list:

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<u>Ingredients</u>	CAS #	European EINECS	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
Walnut Shell Powder	None		Listed	Not listed	Not listed	Not listed	Not listed	Listed

### SECTION 16. OTHER INFORMATION

#### Legend

: ACGIH: American Conference of Governmental Industrial Hygienists  
AICS: Australian Inventory of Chemical Substances  
CA: California  
CAS: Chemical Abstract Services  
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980  
CFR: Code of Federal Regulations  
CSA: Canadian Standards Association  
DOT: Department of Transportation  
EC50: Effective Concentration 50%.  
EINECS: European Inventory of Existing Commercial chemical Substances  
ENCS: Existing and New Chemical Substances  
EPA: Environmental Protection Agency  
HSDB: Hazardous Substances Data Bank  
IARC: International Agency for Research on Cancer  
IBC: Intermediate Bulk Container  
IECSC: Inventory of Existing Chemical Substances  
IMDG: International Maritime Dangerous Goods  
IOC: Inventory of Chemicals  
KECI: Korean Existing Chemicals Inventory  
KECL: Korean Existing Chemicals List  
LC: Lethal Concentration  
LD: Lethal Dose  
MA: Massachusetts  
MN: Minnesota  
N/Ap: Not Applicable  
N/Av: Not Available  
NIOSH: National Institute of Occupational Safety and Health  
NJ: New Jersey  
NOEC: No observable effect concentration  
NTP: National Toxicology Program  
OECD: Organisation for Economic Co-operation and Development  
OSHA: Occupational Safety and Health Administration  
PA: Pennsylvania  
PEL: Permissible exposure limit  
PICCS: Philippine Inventory of Chemicals and Chemical Substances  
RCRA: Resource Conservation and Recovery Act  
RI: Rhode Island  
RTECS: Registry of Toxic Effects of Chemical Substances  
SARA: Superfund Amendments and Reauthorization Act  
SDS: Safety Data Sheet  
STEL: Short Term Exposure Limit  
TDG: Canadian Transportation of Dangerous Goods Act & Regulations  
TLV: Threshold Limit Values  
TSCA: Toxic Substance Control Act  
TWA: Time Weighted Average  
WHMIS: Workplace Hazardous Materials Identification System



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**References** : 1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices for 2014.  
2. International Agency for Research on Cancer Monographs, searched 2015.  
3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, 2015 (Chempendium, HSDB and RTECs).  
4. Material Safety Data Sheets from manufacturer.  
5. US EPA Title III List of Lists - October 2012 version.  
6. California Proposition 65 List - January 23, 2015 version.  
7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2015.

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**Other special considerations for handling**

: Provide adequate information, instruction and training for operators.

**HMIS Rating**

: \* - Chronic hazard 0 - Minimal 1 - Slight 2 - Moderate 3 - Serious 4 - Severe

*Health:* 1 *Flammability:* 1 *Reactivity:* 0

**NFPA Rating**

0 - Minimal 1 - Slight 2 - Moderate 3 - Serious 4 - Severe

: *Health:* 1 *Flammability:* 1 *Instability:* 0 *Special Hazards:* None

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