

### SECTION 1 Identification

#### 1.1. GHS Product identifier

Product name : Walnut Shells for Carbon Deposit Cleaning  
Product code : 891.570901 / 5875570901961

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Walnut sand de-carbon cleaner

#### 1.4. Supplier's details

Würth Canada Limited/Limitée  
345 Hanlon Creek Blvd.  
Guelph, N1C 0A1  
CA  
T 1-800-263-5002  
[prodsafe@wurth.ca](mailto:prodsafe@wurth.ca)

#### 1.5. Emergency phone number

Emergency number : 1-800-424-9300 (CHEMTREC)

### SECTION 2 Hazard identification

#### 2.1. Classification of the substance or mixture

Classification (GHS CA) : Not classified

#### 2.2. GHS label elements, including precautionary statements

##### GHS CA labelling

Supplementary information : No additional information available

#### 2.3. Other hazards which do not result in classification

Other hazards which do not result in classification : Walnut Shell may contain trace amounts of walnut proteins that have been known to cause allergic reaction.

### SECTION 3 Composition/information on ingredients

#### 3.1. Substances

Not applicable

# Walnut Shells for Carbon Deposit Cleaning

## Safety Data Sheet

According to SOR/2015-17, Hazardous Products Regulations (HPR) (amended 2022)

### 3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%
Walnut, Juglans regia, extract	Walnut extract / JUGLANS REGIA LEAF EXTRACT / Walnut, Juglans regia, extract (Extractives and their physically modified derivatives such as tinctures, concretes, absolutes, essential oils, oleoresins, terpenes, terpene-free fractions, distillates, residues, etc., obtained from Juglans regia, Juglandaceae.) / Walnut, Juglans Regia, extract / Juglans regia leaf extract / Juglans regia seed extract / JUGLANS REGIA (WALNUT) SHELL POWDER / JUGLANS REGIA FLOWER EXTRACT / JUGLANS REGIA SEED EXTRACT / JUGLANS REGIA SEEDCOAT EXTRACT / JUGLANS REGIA SHELL EXTRACT / JUGLANS REGIA WOOD EXTRACT / Walnut oil (Juglans regia)	CAS-No.: 84012-43-1	100

## SECTION 4 First-aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.
First-aid measures after skin contact	: Wash skin with plenty of water. Obtain medical attention if irritation persists.
First-aid measures after eye contact	: Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation persists.
First-aid measures after ingestion	: Rinse mouth. Do not induce vomiting. If vomiting occurs have person lean forward. Never give anything by mouth to an unconscious person. Call a poison center or a doctor if you feel unwell.
First-aid measures general	: If you feel unwell, seek medical advice (show the label where possible). Medical personnel should be made aware of substance(s) involved and take measures for self protection. Show this safety data sheet to the doctor in attendance. Avoid contact with skin and eyes. Keep out of the reach of children.

### 4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation	: Dust may irritate the respiratory system.
Symptoms/effects after skin contact	: Prolonged or repeated contact may dry skin and cause irritation.
Symptoms/effects after eye contact	: Direct contact with eyes may cause temporary irritation.
Symptoms/effects after ingestion	: May cause stomach distress, nausea or vomiting.

### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment	: Symptoms may be delayed. Treat symptomatically.
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## SECTION 5 Fire-fighting measures

### 5.1. Suitable extinguishing media

Suitable extinguishing media	: Carbon dioxide. Dry chemical powder. Water spray. Alcohol-resistant foam.
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Unsuitable extinguishing media : Do not use a water jet since it may cause the fire to spread.

### 5.2. Specific hazards arising from the chemical

Fire hazard : During fire, gases hazardous to health may be formed. In case of fire or explosion do not breathe fumes.

Explosion hazard : No direct explosion hazard.

Hazardous decomposition products in case of fire : May include and are not limited to: oxides of carbon.

### 5.3. Special protective actions for fire-fighters

Firefighting instructions : In case of fire: stop leak if safe to do so. Do not enter fire area without proper protective equipment, including respiratory protection. Move containers from fire area if it can be done without personal risk.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6 Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : In the event of a significant spillage : Notify authorities if product enters sewers or public waters. Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.

Environmental precautions : Avoid release to the environment.

### 6.2. Methods and materials for containment and cleaning up

For containment : Stop leaks if it can be done without personal risk. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up : Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Clean contaminated surfaces with an excess of water. Minimise generation of dust.

Other information : This material and its container must be disposed of in a safe way, and as per local legislation.

For further information refer to section 13

## SECTION 7 Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Avoid breathing dust, mist, fume. Do not taste or swallow. Ensure good ventilation of the work station. Wear personal protective equipment. Handle and open container with care.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of reach of children. Store tightly closed in a dry, cool and well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

Packaging materials : Store always product in container of same material as original container.

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According to SOR/2015-17, Hazardous Products Regulations (HPR) (amended 2022)

### SECTION 8 Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Appropriate engineering controls

Appropriate engineering controls : Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Environmental exposure controls : Avoid release to the environment.

#### 8.3. Individual protection measures, such as personal protective equipment (PPE)

##### Hand protection:

Wear protective gloves. Confirm with a reputable supplier first.

##### Eye protection:

Wear eye protection

##### Skin and body protection:

Wear suitable protective clothing. As required by employer code.

##### Respiratory protection:

Wear an approved NIOSH dust mask.

### SECTION 9 Physical and chemical properties

#### 9.1. Basic physical and chemical properties

Physical state : Solid

Appearance : No data available

Colour : Walnut

Odour : Odourless

Odour threshold : No data available

pH : No data available

Relative evaporation rate (butylacetate=1) : No data available

Relative evaporation rate (ether=1) : No data available

Melting point : No data available

Freezing point : Not applicable

Boiling point : No data available

Flash point : Not applicable

Auto-ignition temperature : Not applicable

Decomposition temperature : No data available

Flammability (solid, gas) : No data available

Vapour pressure : No data available

Relative vapour density at 20°C : No data available

Relative density : No data available

Solubility : No data available

Partition coefficient n-octanol/water (Log Pow) : No data available

Viscosity, kinematic : Not applicable

Explosive properties : Not explosive.

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Oxidising properties	: Not oxidising.
Explosive limits	: Not applicable
Particle characteristics	: Particle size : 0.3 — 0.6 mm

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

## SECTION 10 Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: Keep away from heat and direct sunlight.
Incompatible materials	: Strong acids. Strong oxidizing agents.
Hazardous decomposition products	: May include and are not limited to: oxides of carbon.

## SECTION 11 Toxicological information

### 11.1. Likely routes of exposure

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Walnut Shells for Carbon Deposit Cleaning	
Unknown acute toxicity (GHS CA)	Not applicable
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Likely routes of exposure	: Skin and eyes contact. Ingestion. Inhalation.
Symptoms/effects after inhalation	: Dust may irritate the respiratory system.
Symptoms/effects after skin contact	: Prolonged or repeated contact may dry skin and cause irritation.
Symptoms/effects after eye contact	: Direct contact with eyes may cause temporary irritation.
Symptoms/effects after ingestion	: May cause stomach distress, nausea or vomiting.

## SECTION 12 Ecological information

### 12.1. Toxicity

Ecology - general	: See below for route-specific details.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

### 12.2. Persistence and degradability

Walnut Shells for Carbon Deposit Cleaning	
Persistence and degradability	Not rapidly degradable

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### Walnut, Juglans regia, extract (84012-43-1)

Persistence and degradability	Rapidly degradable
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#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Ozone : Not classified

Fluorinated greenhouse gases : No

### SECTION 13 Disposal considerations

Waste treatment methods	: Dispose of the material collected according to regulations.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling, disposal or collection.

### SECTION 14 Transport information

In accordance with TDG

TDG	
14.1. UN Number	Not regulated
14.2. UN Proper Shipping Name	Not regulated
14.3. Transport hazard class(es)	Not regulated
14.4. Packing group, if applicable	Not regulated
14.5. Environmental hazards	Not regulated
No supplementary information available	

#### 14.6. Special precautions for user

TDG  
Not regulated

#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78<sup>9</sup> and the IBC Code<sup>10</sup>

Not applicable

# Walnut Shells for Carbon Deposit Cleaning

## Safety Data Sheet

According to SOR/2015-17, Hazardous Products Regulations (HPR) (amended 2022)

### SECTION 15 Regulatory information

All components of this product are present on DSL

### SECTION 16 Other Information

Issue date : 04/23/2025

Revision date : 04/23/2025

Other information : For an updated SDS, please contact the supplier or manufacturer listed on the first page of the document.

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