



Melbourne Head Office
18 Beckett Avenue, Keilor East, VIC, Australia 3033
Ph: 1300 727 240

Sydney Office
27/274-276 Hoxton Park Road, Prestons, NSW, Australia 2170
Ph: 02 9607 9953

www.abss.net.au

Safety Data Sheet – Walnut Shell

Section 1 – Identification: Product Identifier and Chemical Identity

Product Name: Walnut Shell Grit
Synonyms: Walnut Shell Litter
Chemical Family: Walnut Shell (Organic)
Intended Use: Blast Media
Supplier Name: Abrasive Blasting Service & Supplies Pty Ltd (ABSS)
Supplier Address: 18 Beckett Avenue Keilor East, Vic 3033
Supplier Phone: 03 9336 1961
Supplier Fax: 03 9331 6223
Supplier Email: info@abss.net.au
Emergency Phone Numbers:
1300 727 240 (during business hours) or 0409 123 044 (after hours)
000 – Medical Emergency Services – 24hrs

Section 2 – Hazard(s) Identification

The material is 100% natural processed walnut shell.
There are no known hazardous ingredients to identify.

- 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 – None Known

SARA – This material is not considered Hazardous



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Section 3 – Composition and Information on Ingredients

Name: Walnut Shell Grit
Formula: Walnut Shell (organic)
Synonyms: Walnut shell Litter
Product Form: Solid

Section 4 – First Aid Measures

Description of Symptoms and First Aid Measures

General:

No Symptoms expected under normal conditions of use. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.

Inhalation:

In case of respiratory difficulties, move to ventilated areas. If irritation persists seek medical advice.

Skin Contact:

Should material come in contact with skin and create discomfort, wash skin with soap and water. Should irritation continue consult your physician.

Eye Contact:

Should material come in contact with eye, rinse eye thoroughly with water. Avoid rubbing eye. Walnut shell will scratch the eye if rubbed.

Ingestion:

N/A

Chronic Symptoms:

None expected under normal conditions of use.

Personal Protection in First Aid and Measures:

Use appropriate personal protection equipment (PPE)

If exposed or concerned, get medical advice and attention



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Section 5 – Fire-Fighting Measures

If improperly handled, stored and/or exposed to and ignition source, this material may burn. High concentrations of dust in air can explode if sufficient temperature and ignition source occurs. Proper grounding of equipment is necessary to eliminate static electricity.

Extinguishing Media Water

Unusual Fire and Explosion Hazards:

No Special risks involved. If improperly handled, stored and/or exposed to an ignition source, this material may burn.

Section 6 – Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Steps to be taken if material is released or spilled: Sweep, shovel up or vacuum. Spilled material can be a slipping hazard

Eliminate flames, sparks and excessive temperatures

Waste Disposal Methods

No Special requirements

Section 7 – Handling and Storage

Precautions for Safe

Avoid contact with eyes. Use in well ventilated area

Conditions for Safe Storage, including any incompatibilities

Best if stored in dry conditions.

Store away from sources of ignition.

Store in closed, properly labelled containers in a cool ventilated area.

Other Precautions: None



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Section 8 – Exposure Controls and Personal Protection

Appropriate Engineering Controls: Local Exhaust – Nuisance dust levels

Personal Protective Equipment: Not required.

Hand Protection: N/A

Eye Protection: Safety glasses, goggles and/or face shield.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

Other information: When using, do not eat, drink or smoke

Section 9 – Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Physical State	Solid
Appearance	Light Brown
Odour	None
pH value at 25°C (in water)	4-6
Melting Point	N/A
Boiling Point	N/A
Flash Point	190°C
Evaporation	N/A
Free Moisture (80°C for 15hours)	3-9%
Flammability	245°C
HMIS	1
Hardness – Vickers No.	25-30
Vapor Pressure (MM Hg)	N/A
Vapor Density (Air -1)	N/A
MOHS Scales	3-4
Elastic Modulus (MOE)	22,900 (9/7/06 test)
Specific Gravity (H2O-1)	1.2
Solubility	Not Water Soluble
Dry Packing Density (lbs per Cu.Ft)	30/50



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Section 10 – Stability and Reactivity

Reactivity	Stable
Chemical Stability	Stable
Possibility of Hazardous Reactions	None
Conditions to Avoid	Excessive heat, ignition sources
Incompatible Materials	None known
Hazardous Polymerization	Will not occur
HMIS	0

Section 11 - Toxicology

Skin Contact may cause rash

Walnut Shell may contain trace amounts of walnut proteins that have been know to cause allergic reaction

Section 12 – Ecological Information

Biological Degradability: Very slow if exposed to moisture and other organic materials

No known acute toxicity in water, waste water or soil

Section 13 – Disposal Considerations

Steps to be taken if material is released or spilled:

Sweep. Shovel up or vacuum

Waste Disposal methods

No special requirements

Section 14 – Transport Information

No known restrictions



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Section 15 – Regulatory Information

No known regulations specific to walnut shell

Section 16 – Additional Information

Walnut shells are a natural renewable resource.

There are no known hazardous ingredients to identify

Hazardous Materials Identification System (HMIS)

Health – 0

Flammability – 1

Reactivity (Physical Hazard) – 0

Personal Protection – Safety glasses and dust respirator recommended

This SDS has been prepared by Abrasive Blasting Service & Supplies Pty Ltd in accordance with the “*Global Harmonized System of Classification and Labelling of Chemicals, 3rd Revised Edition*” and Safe Work Australia’s “*Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals*” – Dated February 2016.

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