

Safety Data Sheet according to Regulation (EC) No 1907/2006

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: WALNUT SHELL

Contains: Crushed and graded walnut shells granules.

Intended Use: Blast cleaning abrasive for industrial use.

Supplier: Guyson International Ltd.
Snaygill Industrial Estate,
Skipton, North Yorkshire.
BD23 2QR

Tel: +44 (0)1756 799911

E-mail: info@guyson.co.uk

Emergency contact number: +44 (0)1756 799911


2. HAZARDS IDENTIFICATION

Classification: Not classified.
Walnut shell does not meet the criteria for classification in accordance with the regulations EC1272/2008.

Label Elements: None according to Regulation (EC) No 1272/2008
The substance does not meet the criteria for a PBT or vPvB substance.

Other hazards: Risk management measures due to the potential occurrence of hazardous dusts during use as an abrasive may be needed.

Dust – inhalation
Skin irritation in susceptible individuals

 Tree nut allergies need to be considered.

3. COMPOSITION / INFORMATION ON INGREDIENTS

ITEM	CONTENT (%)	CAS NO.	EINECS NO.
Organic granules of vegetable origin from natural walnut shell	100	84012-43-1	281-688-1

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4. FIRST AID MEASURES

The product may cause temporary mechanical irritation to the eyes, nose, throat and lungs. People with tree nut allergies may be effected.

Eye contact	Remove contact lenses and rinse the eyes with open eye lids for 10 minutes under running water.
Skin contact	Wash off with soap & water.
Inhalation	Provide the affected person with fresh air consult a doctor in case of irritation of the respiratory tract.
Ingestion	Rinse out mouth and drink water. Do NOT induce vomiting. Check affected person for allergies to tree nuts.
Advice to physician:	No specific advice. Treat according to symptoms present.

5. FIRE FIGHTING MEASURES

Extinguishing media	Adapt extinguishing measures to environment.
Unsuitable extinguishing media	None known.
Unusual fire & explosive hazards	Refer to ignition/melt point reference at section 9. Consideration of dust explosion levels must be considered.
Advice for fire-fighters	Wear self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation. Avoid breathing dust. Use appropriate personal protective equipment.
Environmental protection	Make sure spills can be contained. Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

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Spill clean-up methods	Ventilate the area thoroughly. Vacuum or sweep up material and place in a suitable container for re-cycling or disposal.
References to other sections	Section 1 - Emergency contact information Section 8 - Personal protective equipment Section 13 - Waste Disposal

7. HANDLING AND STORAGE

Precautions for safe handling:	Walnut shell is not classified and no protective measures are needed for safe handling. Prevent formation of dust. Use only in well ventilated areas. Wear personal protective clothing. Wash hands and face before breaks and after work.
Conditions for safe storage:	Keep dry. No other special requirements.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering Measures:	Preferred methods of use are either in a blast cabinet with a dust collector or in a closed-circuit blasting system.
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If a blast room is used it must have a dust extraction system to keep dust levels below the occupational exposure limits.

Occupational Exposure Limits

Formula	CONTENT (%)	CAS NO.	EINECS NO.	Inhalable	Respirable
walnut shell	100	84012-43-1	281-688-1	10 mg/m ³	4 mg/m ³

Industrial hygiene	Wash hands & face before breaks and at end of work.
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Personal Protective Equipment

Blast cabinet



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Hand protection	Gloves - appropriate gauntlets
Eye protection	Safety glasses or tight-fitting protective goggles. EN 166
Respiratory equipment	Normally, no personal respiratory protection is necessary. A breathing mask is to be worn when handling dust or cleaning out the system. (FFP2 or FFP3)
Body protection	With normal use body protection by half or full-body coverall and boots is required.
Personal Protective Equipment	Blast Room Blasting operatives should wear a CE marked approved blasting helmet. Operatives should always wear appropriate gauntlets. Operatives should wear a purpose designed blasters' suit.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light brown powder / granules.
Odour	None.
Explosion limits	40g/m ³ .
Ignition temperature (°C)	198°C
pH-value	4.5 - 6.2.
Density	2.7 – 3.1
Water soluble	Fluids outside the pH range 4-10 will cause decomposition.

10. STABILITY AND REACTIVITY

Reactivity	Not applicable. See section 9
Chemical stability	Stable under normal conditions
Possibility of hazardous reactions	None
Conditions to avoid	Excessive thermal exposure to decomposition points

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Incompatible Materials

Acids

Hazardous Decomposition Products

None, products change from solids to liquids with no adverse decomposition.

11. TOXICOLOGICAL INFORMATION

This material has not been tested for toxicity; they are not classified under EC directives.

12. ECOLOGICAL INFORMATION

Eco-toxicity:

No recognised unusual toxicity to plants or animals.

13. DISPOSAL CONSIDERATIONS

The abrasive must be disposed of in accordance with national legislation and local regulations.

The material as supplied is classed as a non-hazardous inert solid waste.

The waste producer must determine if hazardous substances in the coating being removed are likely to cause the waste to be hazardous.

14. TRANSPORT INFORMATION

Land Transport (ADR/RID)
Marine Transport (IMO/IMD)
Air Transport

Not classified according to Transport
Regulations for Hazardous/Dangerous Goods

15. REGULARITY INFORMATION

The product is not considered hazardous under EC Directives. It is exempt for registration under the requirements of REACH regulations or CLP.

16. OTHER INFORMATION

Disclaimer

It remains the users own responsibility to ensure that the information contained is appropriate for the use of this product.

The information contained herein is to the best of our knowledge accurate, however, as circumstances and conditions in which it may be used are beyond our control, we do not accept liability for any loss or damage, however arising, which results directly or indirectly from the use of such information.