



Safety Data Sheet

1. IDENTIFICATION

Product identifier

Product Name Apricot Pit Shell Grit & Flour

Other means of identification

SDS # CMC-029

Synonyms Agrashell, Shelblast, Glufil.

Recommended use of the chemical and restrictions on use

Recommended use For industrial use.

Uses advised against Apricot Shell, a tree nut product, may contain walnut proteins that have been known to cause allergic reaction. Individuals with known or suspected allergies to apricots or tree nuts should be made aware of product contents prior to use, exposure, contact, and/or inhalation.

Manufactured on shared equipment that also processes tree nuts.

Apricot Shell may contain trace amounts of apricot kernel which contains cyanogenic glycosides / cyanide (do not ingest / not for human consumption).

Details of the supplier of the safety data sheet

Supplier Address

Composition Materials Co., Inc.
249 Pepes Farm Road
Millford, CT 06460
1-203-874-6500 (Business)
1-203-874-6505 (Fax)

Emergency telephone number

Company Phone Number 1-203-874-6500 (Business)

1-203-874-6505 (Fax)

Emergency Telephone INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

(24/7, 365 days/year)

2. HAZARDS IDENTIFICATION

Appearance Grit: Light brown granules
Flour: Light brown powder

Physical state Solid

Odor No odor

Classification

Combustible dust	Yes
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Label elements

Signal word

Warning

Hazard statements

May form combustible dust concentrations in air.

Other Information

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms Agrashell, Shelblast, Glufil.

Chemical name	CAS No.	Weight-%
Apricot Pit Shell	Proprietary	100

4. FIRST AID MEASURES

Description of first aid measures

Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids.
Skin Contact	Wash with soap and water.
Inhalation	Remove to fresh air. Seek medical attention if irritation persists.
Ingestion	None under normal use conditions.

Most important symptoms and effects, both acute and delayed

Symptoms	May cause mechanical eye irritation. Inhalation of dust may cause mechanical irritation to the respiratory tract.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

If improperly handled, stored, and/or exposed to an ignition source, this material may burn. Dust can form an explosive mixture with air.

Hazardous combustion products None.

Explosion data

Sensitivity to Static Discharge 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.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

Environmental precautions

Environmental precautions Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up 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 AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes. Use only in well-ventilated areas. Avoid generation of dust. Ensure that dust does not accumulate on surfaces.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Store away from heat, sparks, flame.

Incompatible Materials Strong oxidizers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Appropriate engineering controls

Engineering Controls 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.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses. Goggles. Face protection shield.

Skin and Body Protection No special technical protective measures are necessary.

Respiratory Protection Nuisance dust mask 3M type 8710 or equivalent.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Solid		
Appearance	Grit: Light brown granules Flour: Light brown powder	Odor	No odor
Color	Light brown	Odor Threshold	Not determined
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	4-5		
Melting point / freezing point	Not applicable		
Initial boiling point and boiling range	Not applicable		
Flash point	193 °C / 380 °F		
Evaporation rate	Not applicable		
Flammability (Solid, Gas)	Not determined		
Flammability Limit in Air			
Upper flammability or explosive limits	No data available		
Lower flammability or explosive limits	No data available		
Vapor Pressure	Not applicable		
Relative vapor density	Not applicable		
Relative Density	1.2-1.35	@ 60°F (ASTM D 1298)	
Water Solubility	Not miscible or difficult to mix		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Autoignition temperature	243 °C / 470 °F		
Decomposition temperature	Not determined		
Kinematic viscosity	Not applicable		
Dynamic viscosity	Not determined		
Particle characteristics	No data available		
Explosive Properties	Dust can form an explosive mixture with air		
Oxidizing Properties	Not determined		

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Excessive heat. Ignition sources.

Incompatible materials

Strong oxidizers.

Hazardous decomposition products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	Product does not present an acute toxicity hazard based on known or supplied information
Eye Contact	Avoid contact with eyes.
Skin Contact	Not normally considered a hazard.
Inhalation	Avoid inhalation of dust.
Ingestion	Not an expected route of exposure.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Apricot Pit Shell	> 90 mL/kg (Rat)	-	-

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Please see section 4 of this SDS for symptoms.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity	Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
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Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Component Information

Based on NIH test data: Acute oral toxicity test- All mice were free of any toxicity as per acceptable range given by the OECD guidelines up to the dose of 2,000 mg/kg. Therefore, the LD50 could be greater than 2,000 mg/kg.

Male copulatory test- Mount latency and mount frequency. There was significant improvement in the mount latency and frequency (MF) of the male rats treated with MKAC9 (10 and 20 mg/kg) and standard tadalafil. (Published online 2011 Oct 4. doi: 10.1007/s12154-011-0067-5)

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

Not determined

Other adverse effects

Not determined

13. DISPOSAL CONSIDERATIONS

Disposal methods

- Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.
- Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

- Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
- DOT** Not regulated
- IATA** Not regulated
- IMDG** Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AIC
Apricot Pit Shell	X	ACTIVE	X	X	X	X	X	X	X

Legend:

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
- ENCS - Japan Existing and New Chemical Substances*
- IECSC - China Inventory of Existing Chemical Substances*
- KECL - Korean Existing Chemicals Inventory*
- PICCS - Philippines Inventory of Chemicals and Chemical Substances*
- AICS - Australian Inventory of Chemical Substances*

US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated under applicable state right-to-know regulations

16. OTHER INFORMATION

Additional Product Information

Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids, for safe handling.

NFPA
HMIS

Health hazards -	Flammability -	Instability -	Special hazards -
Health hazards -	Flammability -	Physical hazards -	Personal protection -

Issue Date:	18-Dec-2023
Revision Date:	25-Feb-2026
Revision Note:	Regulatory review and update to current OSHA standard

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.

End of Safety Data Sheet