



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 apricot 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.

Details of the supplier of the safety data sheet

Supplier Address

Composition Materials Co., Inc.
249 Pepes Farm Road
Milford, CT 06460

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

Signal Word

Warning

Hazard statements

May form combustible dust concentrations in air

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.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

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	
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 determined	
Dynamic Viscosity	Not determined	
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**Waste Treatment 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

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

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
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 and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Not determined

US State Regulations

U.S. State Right-to-Know Regulations

Not determined

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.

<u>NFPA</u>	Health hazards	Flammability	Instability	Special hazards
	-	-	-	-
<u>HMIS</u>	Health hazards	Flammability	Physical hazards	Personal Protection
	-	-	-	Not determined

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Revision Note: Updated address

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