

**SAFETY DATA SHEET(SDS):
COASTAL BRAND SHELL**

SECTION I – IDENTIFICATION

PRODUCT IDENTIFIER	TRADE NAME	OTHER SYNONYMS
Calcium Carbonate	Coastal Brand Shell	Aglime, Mineral Filler

RECOMMENDED USE AND RESTRICTION ON USE
Used for Feed, fillers, Lime

MANUFACTURER/SUPPLIER INFORMATION

Core Calcium and Shell Products
2640 Claudia Lane
Theodore, AL 36582
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SECTION II – HAZARD(S) IDENTIFICATION

HAZARD CLASSIFICATION:

Shell - Calcium

Category 1 Skin Irritant

Category 2 Wear Eye Protection

Category 3 Immediately Flush Eyes



Category 4 Avoid creating dust when handling, using or storing. Use with adequate ventilation to keep exposure below recommended exposure limits.

Category 5 Dispose of product in accordance with local, regional, national or international regulations.

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT(S) CHEMICAL NAME	CAS REGISTRY NO	SPECIFIC GRAVITY 2.71
Coastal Brand Shell	1317-65-3	
Calcium Carbonate, CaCO ₃	1317-65-3	White Particles no Odor

(1): The composition of SiO₂ may be up to 100% crystalline silica

SECTION IV – FIRST-AID MEASURES

FLASH POINT (METHOD USED)

None Direct Ignition

EXTINGUISHING MEDIA

Not Applicable

SPECIAL FIRE FIGHTING PROCEDURES

Not Applicable

UNUSUAL FIRE AND EXPLOSION HAZARDS

None

EYES

Immediately flush eyes

SKIN

Rinse skin with soap

SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING AGENT

Not flammable; use extinguishing media compatible with surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES

None known

HAZARDOUS COMBUSTION PRODUCTS

None known

SECTION VI – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Collect the material using a method that does not produce dust.

Vacuum or thoroughly wet down the dust before cleaning up.

Wear appropriate personal protective equipment.

Place the dust in a covered container appropriate for disposal.

SECTION VII – HANDLING AND STORAGE

Do not breathe dust. Avoid contact with skin and eyes. Do not store near food or beverages or smoking materials.

Do not stand on piles of materials; it may be unstable.

Use adequate ventilation and dust collection equipment. Familiarize your employees with this SDS and the information contained herein. Warn your employees, your customers and other third parties.

Sweep and dispose of in proper manner or wash away with water.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Airborne OELs for Components of Shell:

COMPONENT(S) CHEMICAL NAME		
Coastal Brand Shell		
Calcium Carbonate, CaCO ₃		

1. Crystalline silica is normally measured as respirable dust.
2. Nuisance dust
3. Ventilation
4. Eye Protection
5. Skin protection, gloves etc.

EYE/FACE PROTECTION

Safety glasses with side shields should be worn as minimum protection. Dust goggles should be worn when excessively (visible) dusty conditions are present or are anticipated. If irritation persists, get medical attention immediately. There is potential for severe eye irritation if exposed to excessive concentrations of dust for those using contact lenses.

SKIN PROTECTION

Use appropriate protective gloves if manually handling the product.

SECTION IX— PHYSICAL AND CHEMICAL PROPERTIES	
APPEARANCE Shell is a mixture of fine to coarse angular white to gray particles ranging in size from 1/4" to 325 mesh.	ODORLESS
pH AND VISCOSITY Not applicable	MELTING POINT/FREEZING POINT Not applicable
BOILING POINT AND RANGE Not applicable	FLASH POINT AND FLAMMABILITY Not applicable
FLAMMABILITY/EXPLOSIVE LIMITS AND AUTOIGNITION TEMPERATURE Not applicable	EVAPORATION RATE AND DECOMPOSITION TEMPERATURE Not applicable
VAPOR PRESSURE AND VAPOR DENSITY IN AIR Not applicable	SPECIFIC GRAVITY. 2.75
SOLUBILITY IN WATER Insoluble	PARTITION COEFFICIENT: N-OCTANOL/WATER Not applicable

SECTION X – STABILITY AND REACTIVITY	
STABILITY Stable	CONDITIONS TO AVOID Contact with incompatible materials.
NOT FLAMMABLE	
HAZARDOUS POLYMERIZATION Not known to polymerize	

SECTION XI – TOXICOLOGICAL INFORMATION

Health Effects: The information below represents an overview of health effects caused by overexposure to one or more components in shell calcium.

Primary routes(s) of exposure: ■ Inhalation ■ Skin ■ Ingestion

EYE CONTACT: Direct contact with dust may cause irritation by mechanical abrasion or corrosive action.

SKIN CONTACT: Direct contact may cause irritation.

SKIN ABSORPTION: Not expected to be a significant route of exposure.

INGESTION: Small amounts swallowed during normal handling operations are not likely to cause injury.

INHALATION: Dust may irritate nose, throat, mucous membranes and respiratory tract

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Inhaling respirable dust and/or crystalline silica may aggravate existing respiratory system disease(s). Exposure to dust may aggravate existing skin and/or eye conditions. Smoking and obstructive/restrictive lung diseases may also exacerbate the effects of excessive exposure to this product.

Exposure route: Eyes, respiratory system.

Target organs: Eyes, skin, respiratory system.

Lower exposure limits may be appropriate for some individuals including persons with pre-existing medical conditions as described under medical conditions aggravated by exposure.

Aluminum Oxide:

Exposure route: Inhalation, ingestion, eye/skin contact.

Target organs: Respiratory system, gastrointestinal system, eyes, skin.

Sodium Oxide:

Exposure route: Inhalation, ingestion, eye/skin contact.

Target organs: Respiratory system, gastrointestinal system, eyes, skin.

Iron Oxide: (Ferric Oxide)

Exposure route: Inhalation, ingestion, skin

Target organs: Respiratory system, skin, eyes, neurological system

Potassium Oxide:

Exposure route: Inhalation, ingestion, eye/skin contact.

Target organs: Respiratory system, gastrointestinal system, eyes, skin.

Calcium Oxide:

SECTION XI – TOXICOLOGICAL INFORMATION, CONTD.

Exposure route: Inhalation, ingestion, skin/eye contact.

Target organs: Eyes, skin, respiratory system.

Magnesium Oxide:

Exposure route: Inhalation, eye/skin contact.

Target organs: Eyes, respiratory system.

Calcium Carbonate:

Exposure route: Inhalation, skin/eye contact.

Target organs: Eyes, skin, respiratory system.

SECTION XII – ECOLOGICAL INFORMATION

N/A

SECTION XIII – DISPOSAL CONSIDERATION

Waste Disposal Method:

Collect and reuse clean materials. Dispose of waste materials only in accordance with applicable federal, state, and local laws and regulations.

SECTION XIV – TRANSPORT INFORMATION

DOT HAZARD CLASSIFICATION

None

PLACARD REQUIRED

None

Product is moved in bulk trucks, vans and trailers.

SECTION XV – REGULATORY INFORMATION

OSHA: Crystalline Silica is not listed as a carcinogen.

FDA: Silica is included in the list of substances that may be included in coatings used in food contact surfaces, 21 CFR §175.300(b)(3).(The FDA standard primarily applies to products containing silica used in the coatings of food contact surfaces).

Calcium Carbonite: It is claimed that using pure calcium carbon does not cause pneumoconiosis. Adverse health effects have generally not been reported in literature amount workers using CaCo3.

SECTION XVI – OTHER INFORMATION

DEFINITIONS OF ACRONYMS/ABBREVIATIONS

ANSI: American National Standards Institute
CAS: Chemical Abstracts Service
CFR: US Code of Federal Regulations
EPA: Environmental Protection Agency
FDA: Food and Drug Administration
GHS: Globally Harmonized System
MSHA: Mine Safety and Health Administration
OEL: Occupational Exposure Limit
OSHA: Occupational Safety and Health Administration, US Department of Labor
RCRA: Resource Conservation and Recovery Act
SDS: Safety Data Sheet
TWA: Time-Weighted Average

User's Responsibility: The OSHA Hazard Communication Standard 29 CFR 1910.1200 requires that this SDS be made available to your employees who handle or may be exposed to this product. Educate and train your employees regarding applicable precautions. Instruct your employees to handle this product properly.

Disclaimer: The information contained in this document applies to this specific material as supplied by Core Industries, Inc. It is believed that the information contained in this SDS is accurate. The suggested precautions and recommendations are based on recognized good work practices and experience. They are not necessarily all-inclusive or fully adequate in every circumstance as not all use circumstances can be anticipated. It may not be valid for this material if it is used in combination with other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for one's own particular use. Since the actual use of the product described herein is beyond our control, Core Industries, Inc., assumes no liability arising out of the use of the product by others. Appropriate warnings and safe handling procedures should be provided to handlers and users.

For more information feel free to contact us at any time.

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