

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: Calcium Carbonate

Product Use: Mineral Additive

Product Names: Rivercal 8102 GCC, Rivercal 8102 (C) GCC, Rivercal 8103 GCC, Rivercal 8103 (C) GCC, Rivercal 8105 GCC, Rivercal 8105 (C) GCC, Rivercal 8105-T GCC, Rivercal 8107 GCC

Manufacturer: CIMBAR Performance Minerals
49-0 Jackson Lake Rd.\ Chatsworth, Ga. 30705
Emergency Phone: (800) 852-6868

2. SECTION 3- HAZARDS IDENTIFICATION

Signal Word: Warning

GHS Classification: Eye, skin, respiratory irritant.

OSHA/MSHA Hazards: Nuisance Dust.

Target Organs: Eyes, lungs.

Potential Health Effects:

Eyes and Skin. Dust or powder may irrigate the eyes and/or skin.

Ingestion: May cause temporary irritation of the throat, stomach and gastrointestinal tract.

Inhalation: Long term exposure may cause Talcosis, a pulmonary fibrosis, which in turn may lead to severe and permanent damage to the lungs

Potential Conditions Aggravated by Exposure: No information available.

Potential Environmental Effects: No significant environmental effects.

3. COMPOSITION/INFORMATION ON COMPONENTS

CAS#	Component	Percent (% wt)
1317-65-3	Calcium Carbonate	100

Component Information- This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

4. FIRST AID MEASURES

Eyes- in case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Skin- wash immediately with soap and water.

Ingestion- Product is not considered toxic in small amounts.

Inhalation- Move person to clean air.

5. FIRE FIGHTING MEASURES

General Fire Hazards- This material will not burn.

Hazardous Combustion Products- None.

Extinguishing Media- Use methods for surrounding fire.

Fire Fighting Equipment/Instructions- N/A

NFPA Ratings: Health:1 Fire:0 Reactivity:0

6. ACCIDENTAL RELEASE MEASURES

Containment Procedures: Contain the discharged material.

Clean-Up Procedures: Provide adequate ventilation. Cleanup personnel should use personal protective equipment to reduce eye contact, inhalation of dust, and prolonged skin contact. Use vacuum equipment with HEPA filters or wet

sweeping/dust suppressant if sweeping required. Personal safety, handling and exposure recommendations described elsewhere in this data sheet apply to exposure during clean up of spilled material and must be followed.

Evacuation Procedures: None necessary.

Special Procedures: No additional information available.

7. HANDLING AND STORAGE

Handling Procedures: Avoid getting this material in eyes and on skin.

Storage Procedures: Store in cool, dry, ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

General Exposure Guidelines: Keep information of airborne dusts to a minimum.

Component Exposure Limits:

Calcium Carbonate (1317-65-3) OSHA: 15 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable fraction)
NIOSH: 10 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable dust)

Engineering Controls: Provide adequate exhaust ventilation to maintain worker exposure below exposure limits.

Personal Protective Equipment:

Eyes: Wear dust goggles.

Skin: Use impervious gloves.

Respiratory: Use a dust mask for particulate concentrations exceeding the exposure limits.

General: Eye wash fountain and emergency showers are recommended.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance: White Powder

Odor: None

Physical State: Solid

Specific Gravity: 2.71

Solubility (H₂O): Negligible

10. STABILITY & REACTIVITY

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: Avoid contact with acids

Incompatibility: Calcium carbonate ignites on contact with fluorine. It is incompatible with acids, ammonium salts, and mercury/hydrogen mixtures.

Hazardous Decomposition: Thermal oxidative decomposition of calcium carbonate can produce calcium oxide.

Hazardous polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute and Chronic Toxicity:

General Product Information: Overexposure to calcium carbonate may result in irritation to eyes, skin and respiratory system. Acute ingestion may result in mild gastrointestinal distress while chronic exposure may result in hypercalcemia, alkaosis, and renal impairment. Approximately 70-80% of inhaled calcium carbonate can be retained in the lungs. Animal studies suggest that inhalation of calcium carbonate dusts may enhance susceptibility to respiratory infection..

Component Analysis: No LD₅₀/LC₅₀'s available for this product's components.

Carcinogenicity:

General Product Information: Information not available.

Component Carcinogenicity: Not listed by ACGIH, IARC, NIOSH, NTP or OSHA

12. ECOLOGICAL INFORMATION

Ecotoxicity: This material is not expected to be harmful to aquatic life.

Component Analysis: Talc (14807-96-6) 96 hr LC50 Brachydanio rerio: >100 g/L [semi-static]

Environmental Fate: Material shows no bioaccumulation or food chain concentration toxicity potential

13. DISPOSAL INFORMATION

General: No components are identified as hazardous wastes.

Component Waste Numbers: No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions: If this material becomes a waste it does not meet the criteria of a hazardous waste as defined by USEPA RCRA regulations. More stringent state or local regulations may apply. Combining this material with another may alter this classification.

14. TRANSPORT INFORMATION

United States DOT Shipping Name: None necessary.

International Regulations: This product is not regulated as a hazardous material by the United States (DOT) or Canadian (TDG) transportation regulations.

15. REGULATORY INFORMATION

US Federal Regulations (General Product Information):

TSCA: All naturally occurring components of this product are automatically included in the USEPA TSCA Inventory List.

FDA: Limestone has been determined as "Generally Recognized As Safe" (GRAS) by FDA- see CFR 184.1409.

Component Analysis: None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

Acute Health:Yes Chronic Health:Yes Fire:No Reactive:No

State Regulations (General Product Information):

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	FL	MA	MN	NJ	PA	MI
Calcium Carbonate	1317-65-3	No	No	Yes	Yes	No	Yes	No

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): Warning! This product contains a chemical known to the state of California to cause cancer.

Other Regulations (General Product Information):

Canadian WHMIS Classification: Class D, Division 2, Subdivision A.

Component Analysis-Inventory:

Component	CAS#	TSCA	DSL	NDSL	EINECS	AUST	PHIL	MITI	KOREA	ELINCS	CHINA
Calcium Carbonate	1317-65-3	Yes	No	Yes	Yes	Yes	Yes	No	Yes	No	Yes

Component Analysis- WHMIS IDL

Component	CAS#	Present
Quartz	14808-60-7	Yes

SECTION 16- OTHER INFORMATION

HMIS Ratings: Health-1*, Fire-0, Reactivity-0, Personal Protection-E
Hazard Scale: 0=Minimal 1-Slight 2=Moderate 3=Serious 4=Severe *=Chronic Hazard

National Fire Protection Association (NFPA): Health(1), Fire Hazard (1), Physical Hazard (0)

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CIMBAR Performance Minerals
Health, Safety and Environmental Department
Phone#: (800) 852-6868
www.cimbar.com