

Section 1: Product and Company Info

Product Name(s) **Ferrous Carbonate**

Other Names Siderite, Iron (II) Carbonate

Product Uses: For use as a trace mineral in animal feed.

Details of the supplier of the safety data sheet

Supplier Pestell Nutrition

Address 141 Hamilton Rd
 New Hamburg, Ontario
 Canada, N3A 2H1

Phone 519-662-2877

Email qa@pestell.com

Emergency telephone number (24 hr) Canada: CANUTEC 1 613-996-6666
 US: CHEMTREC 1 703-527-3887

Section 2: Hazards Identification

This product is not classified as hazardous by GHS.

Label Elements Not required.

Hazard Statements

Eyes May cause mechanical irritation

Skin None

Inhalation Low health risk by inhalation. Treat as nuisance dust.

Hazards not otherwise classified None

Section 3: Composition / Information on Ingredients

Chemical Formula : FeCO₃

Chemical Name	CAS#	Composition
Ferrous Carbonate (FeCO ₃)	563-71-3	87-80%
Silica Crystalline Quartz (Si ₂ O ₂)	1309-37-1	3-5 ppm
Aluminum Oxide (Al ₂ O ₃)	1344-28-1	< 3ppm
Calcium Oxide (CaO)	1305-78-8	< 3ppm

Section 4: First Aid Measures

After Inhalation	Remove to fresh air. If breathing is labored or stopped, give artificial respiration. Get immediate medical attention.
After Skin Contact	Wash area of skin with soap and water
After Eye Contact	Flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation develops or persists.
After ingestion	If victim is conscious and alert, give large quantities of water to induce vomiting. Seek medical attention immediately.

Section 5: Fire Fighting Measures

Fire	Not considered to be a fire hazard. Not flammable.
Explosion	Not considered to be an explosion hazard.
Extinguishing Media	This material is not combustible and is not anticipated to react with commercially employed extinguishing media. Use appropriate extinguishing media surrounding fire.
Special Precautions for Firefighters	Firefighters should wear self-contained breathing apparatus when necessary.

Section 6: Accidental Release Measures

Spill Procedures	<p>Protect against identified hazards through use of prescribed personal protection equipment, proper work and hygiene practices. Limit foot and vehicular traffic to minimize mechanical agitation and dispersion. Employ a vacuum, equipped with HEPPA (High Efficiency Particulate Air) filter, for clean-up of the spill material.</p> <p>If no vacuum is available, use a broom and shovel to collect excess powder in the area. Recover uncontaminated material for use. Vacuum or sweep remaining material keeping dust to a minimum. Residual material should then be cleared, utilizing the process of wet sweeping, to avoid dust generation.</p>
Containment Techniques	This is a solid material and will not travel far from the spill location unless mechanically agitated.
Spill Response	<p>The following equipment is recommended for spill response:</p> <ul style="list-style-type: none">• vacuum, equipped with a HEPPA filter• broom, wet mop• dust pan, shovel, scoop• bags, drums or sacks for collection

All personnel should utilize the following protective equipment when performing spill response activities:

- | | |
|---------------------|--|
| Personal Protective | <ul style="list-style-type: none">• gloves (rubber or leather)• safety glasses or goggles• respiratory equipment as recommended in Section 8 |
|---------------------|--|

Section 7: Handling and Storage

- | | |
|----------|--|
| Storage | A moderately dry, well-ventilated area is considered adequate for handling and storage. Usual precautions for nuisance dust should be followed. |
| Handling | When handling product, all personnel are directed to:
Wear all specified elements of PPE, as directed by this document, or under location specific requirements, which ever is more conservative
Avoid creating dust, where possible. |

Section 8: Exposure Controls / Personal Protection

- | | |
|------------------------|--|
| Engineering Controls | Use with adequate ventilation to meet exposure limits in Section 2. |
| Respiratory Protection | Use NIOSH-approved dust respirator, if overexposure exists. |
| Skin Protection | Leather or rubber gloves. |
| Eye/Face Protection | Safety glasses, goggles or face shield are recommended.
To control potential exposures, avoid creating dust
Do not eat, drink, smoke, or perform other hand-to-mouth activities in product use or handling area. |
| Work Hygiene Practices | Wash thoroughly after handling product. |

Section 9: Physical and Chemical Properties

Earths are natural products. Technical data varies or are not measurable.

- | | |
|------------|--|
| Appearance | Physical State: Solid
Color: Light Brown/ Taupe
Form: Powder or granular |
| Odor | Odorless |

Section 10: Stability and Reactivity

Stability	Stable under ordinary conditions of use and storage.
Hazardous Decomposition Products	None
Hazardous Polymerization Products	Will not occur.
Incompatibilities	None known.
Conditions to avoid	None

Section 11: Toxicological Information

Ingestion	Indigestion of mineral compounds may cause abdominal pain and nausea.
Inhalation	May cause irritation of mucous membrane or delayed respiratory disease if dust is inhaled over a prolonged period of time.
Skin Contact	No known dangerous acute or chronic effects.
Eye Contact	If dust intrudes into eyes, eye irritation may occur.
Health Hazards (Acute and Chronic)	Respiratory disease may result from prolonged exposure. Can cause eye irritation.
Carcinogenicity: NTP: No IARC	Monographs: Yes (Silica)
Signs and Symptoms of Exposure:	Excessive inhalation of dust may result in shortness of breath and reduced pulmonary function and wheezing.
Aggravation of Pre-Existing Condition	Persons with impaired respiratory function may be more susceptible to the effects of the substance.

Section 12: Ecological Information

No harmful effects known other than those associated with suspended inert solids in water.

Section 13: Disposal Concerns

Recommended Disposal Method	Collect in containers, bags or covered dumpster boxes. Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.
-----------------------------	---

Section 14: Transportation Information

DOT (US)

Not dangerous goods

TDG (Can)

Not dangerous goods

IMDG

Not dangerous goods

IATA

UN1910, CALCIUM OXID MIXTURE, Class 8, PG III

Section 15: Regulatory Information

SARA 313 Title III	Section 311/312 Hazardous Categories: None Section 313 Toxic Chemicals: None
OSHA Status	This product is not considered hazardous.
TSCA Status	Components of this product are listed in the TSCA Inventory.
California Proposition 65	Not Listed
CERCLA Reportable Quantity	None
International Regulations	Canadian Ingredient Disclosure List: Components are listed. Canadian WHMIS: This material is not a controlled substance under WHMIS. European Community: This material is not subject to classification according to EEC Directive 67/548/EEC.

Section 16: Other Information

Disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Pestell Nutrition and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

Version: 3

Revision date: June 29, 2021