

SDS INFORMATION SHEET: IRON CARBONATE

Section 1: Product and Company

Other Product Name(s) :
FERROUS CARBONATE
or **SIDERITE**

Company	SIDCO Minerals, Inc. 2801 Richmond Rd. Box 51 Texarkana, TX 75503 USA
Telephone	903-838-4493
Fax	903-838-0275
Email	sidcomine@aol.com

Section 2: Hazards Identification

Emergency Overview No unusual fire or spill hazard. Low health risk by inhalation

Potential Health Effects

Eyes	May cause mechanical irritation
Skin	None
Inhalation	Low health risk by inhalation. Treat as nuisance dust.

Section 3: Composition / Information on Ingredients

Product name	Siderite is a natural earth mineral composed mainly of ferrous carbonate
Synonyms	Ferrous Carbonate, Iron (II) Carbonate
Color Index	N/A

SDS INFORMATION SHEET: IRON CARBONATE

Chemical Name: <i>Chemical Formula</i>	CAS#	% Composition	OSHA PEL		ACGIH TLV		DFG-MAK (<i>Mg/M₃</i>)	
			TWA	STEL	TWA	STEL	TWA	STEL
Ferrous Carbonate FeCO ₃	563-71 -3	87-80	N.E. ¹	N.E.	N.E.	N.E.	N.E.	N.E.
Silica Crystalline Quartz (respirable) SiO ₂	1309- -37-1	5-9 (3-5 ppm)	0.1	N.E.	0.1	N.E.	N.E.	N.E.
Aluminum Oxide (non-fibrous) (respirable fraction) Al ₂ O ₃	1344-28-1	3-5 (<3 ppm)	5	N.E.	5	N.E.	N.E.	N.E.
Calcium Oxide CaO	1305-78-8	1-3 (< 3 ppm)	5	N.E.	5	N.E.	N.E.	N.E.

1) N.E. = none established 2) Respirable fraction

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.

SDS INFORMATION SHEET: IRON CARBONATE

Section 6: Accidental Release Measures

Spill Procedures	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 HEPA (High Efficiency Particulate Air) filter, for clean-up of the spill material. 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.
Containment Techniques	This is a solid material and will not travel far from the spill location unless mechanically agitated.
Spill Response Equipment	The following equipment is recommended for spill response: <ul style="list-style-type: none">• vacuum, equipped with a HEPA filter• broom, wet mop• dust pan, shovel, scoop• bags, drums or sacks for collection
Personal Protective	All personnel should utilize the following protective equipment when performing spill response activities: <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: <ul style="list-style-type: none">• Wear all specified elements of PPE, as directed by this document, or under location specific requirements, whichever 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.

SDS INFORMATION SHEET: IRON CARBONATE

Skin Protection	Leather or rubber gloves.
Eye/Face Protection	Safety glasses, goggles or face shield are recommended.
Work Hygiene Practices	<ul style="list-style-type: none">• 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.• 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	Ingestion 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.

SDS INFORMATION SHEET: IRON CARBONATE

Respiratory disease may result from prolonged exposure. Can cause eye irritation.

Carcinogenicity: NTP: No IARC Monographs: Yes (Silica)

Health Hazards (Acute and Chronic)result in shortness of breath and reduced pulmonary function and wheezing.

Aggravation of Pre-Existing Conditions: 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

U.S. DOT Not regulated for domestic transport by land, rail or air. Enter the proper freight classification on the shipping documents, "MSDS Number" and "Product Name" for shipping purposes.

Canadian TDG Hazard Class and PIN Not regulated

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

SDS INFORMATION SHEET: IRON CARBONATE

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

Date 15 FEB 2017

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. SIDCO Minerals, Inc. shall not be held responsible or liable for any damage resulting from handling or from contact with the product.