

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name: Calcium Carbonate
CAS number: 471-34-1
Synonyms: None

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Uses : Mineral additive.

1.3 Details of the supplier of the safety data sheet

Company : Lab Alley, LLC
22111 Highway 71 West, Suite 601
Spicewood, Texas 78669
U.S.A.

Telephone : 512-668-9918
Fax : 512-886-4008

1.4 Emergency telephone

Emergency Phone # : US & Canada: 1-800-535-5053 INFOTRAC
International 1-352-323-3500 INFOTRAC

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Not a hazardous substance or mixture.

2.2 GHS Label elements, including precautionary statements

Pictogram:	Not a hazardous substance or mixture.
Signal Word:	Not a hazardous substance or mixture.
Hazard statement(s):	Not a hazardous substance or mixture.
Precautionary statement(s):	Prevention - Do not handle until all safety precautions have been read and understood. Employ good industrial hygiene practice. Do not breathe dust. Wear protective gloves/protective clothing/eye protection/face protection. Response - IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN: Wash with plenty of soap and water. If swallowed, rinse mouth with water (only if the person is conscious). Drink plenty of water. Store away from incompatible materials. Keep in a dry place. Dispose of contents/containers in accordance with local regulations.

Hazards not otherwise classified

No data available.

SECTION 3: Composition/information on ingredients

3.1 Components

Ingredient	CAS Number	Percent	Hazardous Chemical
Calcium Carbonate	471-34-1	100	No

SECTION 4: First aid measures

4.1 Description of first-aid measures

General advice:	Do not handle until all safety precautions have been read and understood. Employ good industrial hygiene practice. Wear suitable protective clothing, gloves and eye/face protection. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. When in doubt or if symptoms are observed, get medical advice.
If inhaled:	Do not breathe dust. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
In case of eye contact:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
In case of skin contact:	Wash with plenty of soap and water.
In case of ingestion:	Rinse mouth thoroughly with water.

4.2 Most important symptoms and effects, both acute and delayed

May cause irritation to mucous membranes and respiratory tract. Contact with dust can cause mechanical irritation or drying of the skin.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment should be symptomatic and supportive. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable (and unsuitable) extinguishing media

Water spray (fog). Foam. Dry chemical. Carbon dioxide (CO₂).

5.2 Specific hazards arising from the substance or mixture

None known.

5.3 Special protective equipment and precautions for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Water mist may be used to cool closed containers. No special fire protection measures are necessary. Standard procedure for chemical fires.

5.4 Further information

No data available.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep unauthorized personnel away. Avoid dust formation. Ensure adequate ventilation. Use personal protection recommended in Section 8.

6.2 Environmental precautions

Avoid runoff to waterways and sewers.

6.3 Methods and materials for containment and cleaning up

Large Spill: Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to collect dust
Small Spill: Vacuum or sweep material and place in a disposal container

6.4 Reference to other sections

Section 8: Exposure controls and personal protection. See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Minimize dust generation and accumulation. Do not breathe dust. Ensure adequate ventilation. Wear appropriate personal protective clothing to prevent skin contact. Handle in accordance with good industrial hygiene and safety practice.

Hygiene measures

No data available.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Keep container tightly closed and dry. Store away from incompatible materials.

SECTION 8. Exposure controls/personal protection

8.1 Occupational exposure limits

Chemical Name	Exposure Limits
Calcium Carbonate	10 mg/m3 (OSHA), 3 mg/m3 Respirable/10 mg/m3 Total Dust (ACGIH), 10 mg/m3 (Canada), 3 mg/m3 Respirable/10 mg/m3 (Canada - BC TWA)

8.2 Exposure controls

Appropriate engineering controls

Provide a good standard of controlled ventilation (5 to 10 air changes per hour). Use exhaust ventilation to keep airborne concentrations below exposure limits. In case of insufficient ventilation, wear suitable respiratory equipment.

Personal protective equipment

Eye/face protection

Wear safety glasses with side shields (or goggles).

Skin and body protection

Wear suitable protective clothing. For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Control of environmental exposure

Avoid runoff to waterways and sewers.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State	Solid Powder.
Appearance	White to off-white.
Odor	Odorless.
Odor Thresh	Not available.
pH	8.4/10.2 (5% water suspension)

Melting Point/Range	Not applicable.
Boiling Point/Range	Not available.
Flash Point	Non-combustible.
Evaporation Rate	Not applicable.
Flammability (solid, gas)	Not applicable.
Flammability or explosive limit	Not applicable.

Upper : NA

Lower : NA

Vapor Pressure	Not applicable.
Vapor Density	Not applicable.
Density	2.7 g/cm ³ @ 20°C
Solubility	1.3 g/l, 20° C
Partition coefficient; n-octanol/water	Not available.
Autoignition Temp	Not applicable.
Decomposition Temp	1292 - 1652 °F (700 - 900 °C)
Viscosity	Not available.
Molecular Formula	CaCO ₃
Molecular Weight	100.09
VOC Content(%)	Not available.
Oxidizing properties	Not available.

9.2 Other safety information

None.

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under normal conditions of use and storage.

10.2 Chemical stability

Stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

No specific hazard known.

10.4 Conditions to avoid

Incompatible materials. Dust formation.

10.5 Incompatible materials

Strong acids.

10.6 Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Oral: 6450 mg/kg (rat)

Skin corrosion/irritation

Not classified.

Serious eye damage/eye irritation

Not classified.

Respiratory or skin sensitization

Not classified.

Germ cell mutagenicity

Not classified.

Carcinogenicity

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Reproductive toxicity

Not classified.

Specific target organ toxicity - single exposure

Not classified.

Specific target organ toxicity - repeated exposure

Not classified.

Aspiration hazard

Based on available data, the classification criteria are not met.

Chronic effects

Not applicable.

11.2 Additional information

No data available.

SECTION 12. Ecological information**12.1 Toxicity**

Ecotoxicity: Not considered to be harmful to aquatic life.

WGK Classification (VwVwS) 317 WGK: nwg

12.2 Persistence and Degradability

No data available.

12.3 Bioaccumulative Potential

No data available.

12.4 Mobility in Soil

No data available.

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

SECTION 13. Disposal considerations

13.1 Waste Disposal Methods

Disposal should be in accordance with applicable regional, national and local laws and regulations. Product residue may remain in empty containers. Empty containers should be taken to an approved waste handling site for recycling or disposal. Waste codes should be assigned by the user based on the application for which the product was used

SECTION 14: Transport information

DOT Not Dangerous Goods

TDG Not Dangerous Goods

IMDG/IMO Not Dangerous Goods

IATA/ICAO Not Dangerous Goods

SECTION 15: Regulatory information

Global Inventories

Chemical Name	CAS Number	EC No	REACH registration number	Australia (AICS)	Canada (DSL)	China (IECSC)	Japan	S. Korea (KECL)	Mexico	New Zealand	Philippines (PICCS)	Taiwan	TSCA: United States
Calcium carbonate	471-34-1	207-439-9	Exempt	Y	Y	Y	Y	KE-04487	Y	Y	Y	Y	Y

Legend

X / Y: Complies - / N: Not Listed Exempt

US Federal Regulations

EPA

CERCLA

Calcium Carbonate

SARA 311/312 Hazardous Categorization None

Calcium Carbonate

Acute Health Hazard No
Chronic Health Hazard No
Fire Hazard No

CWA (Clean Water Act)

Not listed

CAA (Clean Air Act)

Not listed

U.S. State Right-to-Know Regulations

Chemical Name	CAS Number	California Proposition 65	California CPR	Massachusetts	Minnesota	New Jersey	Pennsylvania
Calcium Carbonate	471-34-1	N		N	N	N	N

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

This product does not contain any Proposition 65 chemicals

CANADA

WHMIS:

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR

SECTION 16: Other information

Issue Date	11/18/2018
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Disclaimer:

The information provided on 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.