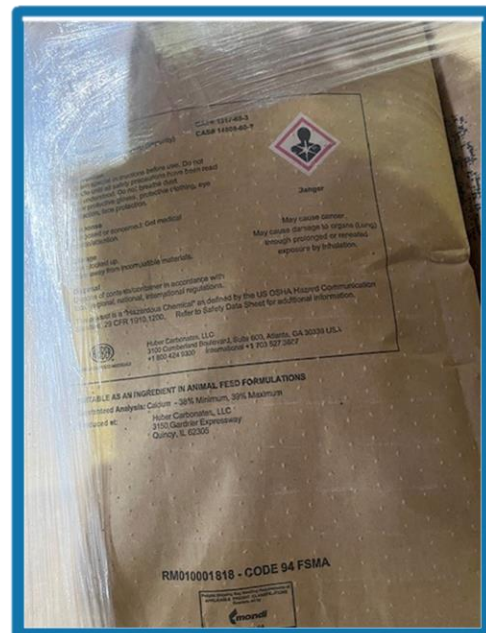


Offer Sheet

Product	Calcium Carbonate
Quantity	32 pallets
Net weight	~76,891 lbs.
Manufacture date	
Availability	One time
Location	North Chicago, IL 60064
Date	4/20/26
COA & SDS	Attached below



Brian Svrusis
Solvent Systems International
575 Bennett Road
Elk Grove Village, IL 60007
847-323-6718 call or text
Click here for: [Surplus Inventory](#)
Solvent-Systems.com

Core Commercial Applications

1) Paper Industry (Largest Global Use)

Use:

- Filler and coating pigment

Function:

- Improves brightness, opacity, printability
- Reduces fiber cost

Forms:

- PCC (precipitated) = higher performance
 - GCC (ground) = lower cost
-

2) Plastics & Polymers

Use:

- Filler in PVC, polyethylene, polypropylene

Function:

- Reduces resin cost
- Improves stiffness and dimensional stability

Key markets:

- Pipe, film, packaging, automotive parts
-

3) Paints & Coatings

Use:

- Extender pigment

Function:

- Improves:
 - coverage
 - durability
 - rheology
-

4) Construction Materials

Use:

- Cement and concrete
- Asphalt filler
- Drywall and joint compound

Function:

- Improves strength and workability
 - Acts as bulk mineral component
-

5) Adhesives & Sealants

Use:

- Filler in sealants, caulks, mastics

Function:

- Controls viscosity
 - Improves gap-filling
 - Reduces formulation cost
-

6) Environmental & Water Treatment

Use:

- Neutralization agent
- Flue gas desulfurization

Function:

- Raises pH
 - Removes acidic contaminants
-

7) Agriculture

Use:

- Soil amendment (lime)
- Animal feed additive

Function:

- Adjusts soil pH
 - Calcium supplement for livestock
-

8) Food & Pharmaceuticals

Use:

- Food additive (E170)
- Calcium supplement tablets
- Antacids

Function:

- Nutritional calcium source
- Acid neutralizer



HUBER ENGINEERED MATERIALS

Certificate Of Analysis

Products / Lots

Product:	219000612BG	HUBERCARB(R) Q325 FSMA CALCIUM CARBONATE 50 LB KFT BGS 2400 LB 9248HT PLT 17800
Huber Order Number	1492532-1.1	
Customer Order Number	4300246606	
Vehicle Number		
Lot Number	QCY30032424	
Ship Date	17-JUN-24	
Production Date	11-JUN-24	

Test Results

Test Description	Unit of Measure	Min	Tested Value	Max	Test Number
% Passing 325 Mesh	Percent	99.4	99.7	100	Passed
Moisture(%) As Produced	Percent	0	0.05	0.2	Passed

Instructions:

Comments:

Certificate Validation: The Quality Assurance Manager hereby declares that this certificate is made up electronically and therefore not signed, but is a valid Certificate of Analysis. If the contact information on the lower left of this document is NOT accurate, please contact Huber Carbonates, LLC at the phone number on the lower right, so that we can update our records. Thank you for your order.



100819034

QC - TL03

NC - Raw - IQA Review

Material Number: 20032416

CALCIUM CARBONATE, TECHNICAL, POWDER

Batch: 1001920944

Qty: 0.000 G

Vendor batch: 30032424

Temp. Conditions:

Eric Campbell

08 Jul 2024

Eric Campbell

Attached to: CP-ONEV-963765-10.0-0202

Eric Campbell 08 Jul 2024

VERIFIED BY

D. Clement 09 Jul 2024

Daniella Clement

The results presented on this certificate are based on normally reliable standard tests performed on material as produced or as packaged.

Copies to: ATTN: Shipment Copy

Fax :
Phone :
E-Mail:

Lab: HUBER CARBONATES, LLC
Quality Laboratory
500 RADIO ROAD
QUINCY, IL 62305
Ninette Williams
217-231-0261

PRINT



HUBER ENGINEERED MATERIALS

Certificate Of Analysis

Products / Lots

Product: 219000612BG	HUBERCARB(R) Q325 FSMA CALCIUM CARBONATE 50 LB KFT BGS 2400 LB 9248HT PLT 17800	
Huber Order Number	1502404-1.1	BOL Number: 7320039
Customer Order Number	4300266642	
Vehicle Number	ZAR EXPRESS 818	Seal Number: 0024658
Lot Number	QCY30034724	
Ship Date	22-NOV-24	
Production Date	19-NOV-24	

Test Results

Test Description	Unit of Measure	Min	Tested Value	Max	Test Number
% Passing 325 Mesh	Percent	99.4	99.6	100	Passed
Moisture(%) As Produced	Percent	0	0.05	0.2	Passed

Instructions:

Comments:

Certificate Validation: The Quality Assurance Manager hereby declares that this certificate is made up electronically and therefore not signed, but is a valid Certificate of Analysis. If the contact information on the lower left of this document in NOT accurate, please contact Huber Carbonates, LLC at the phone number on the lower right, so that we can update our records. Thank you for your order.



100878850

QC - TL03

Jocelyn LaBuda
09 DEC 2024
Jocelyn LaBuda

VERIFIED BY
C. Pacheco 10 Dec 2024
Carlos Pacheco

NC - Raw - IQA Review

Material Number: 20032416

CALCIUM CARBONATE, TECHNICAL, POWDER

Batch: 1002986755 Qty: 0.000 G

Vendor batch: 30034724

Temp. Conditions:

The results presented on this certificate are based on normally reliable standard tests performed on material as produced or as packaged.

Copies to:

ATTN: Shipment Copy

Fax :

Phone :

E-Mail: debbie.medina@huber.com

PRINT

Lab: HUBER CARBONATES, LLC

Quality Laboratory
500 RADIO ROAD
QUINCY, IL 62305
Ninette Williams
217-231-0261

Attached to: *CP- Onev - 963765 - 10.0 - 0368*
Jocelyn LaBuda 10 DEC 2024

SAFETY DATA SHEET

Version 6.7
Revision Date 04/24/2025
Print Date 04/24/2025

SECTION 1. IDENTIFICATION

1.1 Product identifiers

Product name : Calcium carbonate
Product Number : C5929
Brand : Sigma
CAS-No. : 471-34-1

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

Identified uses : Laboratory chemicals, Synthesis of substances
Uses advised against : The product is being supplied under the TSCA R&D Exemption (40 CFR Section 720.36). It is the recipient's responsibility to comply with the requirements of the R&D exemption. The product may not be used for a non-exempt commercial purpose under TSCA unless appropriate consent is granted in writing by MilliporeSigma.

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich Inc.
3050 SPRUCE ST
ST. LOUIS MO 63103
UNITED STATES
Telephone : +1 314 771-5765
Fax : +1 800 325-5052

1.4 Emergency telephone

Emergency Phone # : 800-424-9300 CHEMTREC (USA) +1-703-527-3887 CHEMTREC (International) 24 Hours/day; 7 Days/week

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Short-term (acute) aquatic hazard : Category 3

Other hazards

None known.

GHS label elements

Hazard Statements : H402 Harmful to aquatic life.

Precautionary Statements : **Prevention:**
P273 Avoid release to the environment.**Disposal:**
P501 Dispose of contents/ container to an approved waste disposal plant.**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Substance

Components

Chemical name	CAS No./Unique ID	Concentration (% w/w)	Trade secret
calcium carbonate	471-34-1*	>= 90 - <= 100	-

* Indicates that the identifier is a CAS No.
Actual concentration is withheld as a trade secret**SECTION 4. FIRST AID MEASURES**

- If inhaled : After inhalation: fresh air.
- In case of skin contact : In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.
- In case of eye contact : After eye contact: rinse out with plenty of water. Remove contact lenses.
- If swallowed : After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.
- Most important symptoms and effects, both acute and delayed : The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
- Protection of first-aiders : For personal protection see section 8.
- Notes to physician : No data available

SECTION 5. FIRE-FIGHTING MEASURES

Sigma - C5929

Page 2 of 13

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	: For this substance/mixture no limitations of extinguishing agents are given.
Specific hazards during fire fighting	: Not combustible. Ambient fire may liberate hazardous vapours.
Hazardous combustion products	: Calcium oxide
Specific extinguishing methods	: No data available
Further information	: none
Special protective equipment for fire-fighters	: In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert. Advice for emergency responders: For personal protection see section 8.
Environmental precautions	: No special precautionary measures necessary.
Methods and materials for containment and cleaning up	: Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

SECTION 7. HANDLING AND STORAGE

For precautions see section 2.2.

Further information on storage conditions : Tightly closed.
Dry.

Storage class : 13, Non Combustible Solids

Recommended storage temperature : Recommended storage temperature see product label.

Further information on storage stability : Keep in a dry place.
hygroscopic

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
calcium carbonate	471-34-1	TWA (Respirable)	5 mg/m ³ (Calcium carbonate)	NIOSH REL
		TWA (total)	10 mg/m ³ (Calcium carbonate)	NIOSH REL

Engineering measures : No data available

Personal protective equipment

Respiratory protection : required when dusts are generated.

Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system.

Recommended Filter type: : Filter type P1

The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.

Hand protection

Material : Nitrile rubber
Break through time : 480 min

Glove thickness : 0.11 mm
Protective index : Full contact
Manufacturer : KCL 741 Dermatril® L

Material : Nitrile rubber
Break through time : 480 min
Glove thickness : 0.11 mm
Protective index : Splash contact
Manufacturer : KCL 741 Dermatril® L

Remarks : This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN 16523-1 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de).

Eye protection : Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Safety glasses

Hygiene measures : Change contaminated clothing. Wash hands after working with substance.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : powder

Color : white

Odor : No data available

Odor Threshold : No data available
pH : 8.0

Melting point/freezing point : 1472 °F / 800 °C
Decomposes on heating.

Boiling point : 1472 °F / 800 °C

Flash point : Not applicable

Evaporation rate : No data available

Flammability (solid, gas)	: The product is not flammable. Method: Test N.1: Test method for readily combustible solids GLP: yes
Burning rate	: No data available
Self-ignition	: GLP: yes not auto-flammable
Upper explosion limit / Upper flammability limit	: No data available
Lower explosion limit / Lower flammability limit	: No data available
Vapor pressure	: No data available
Relative vapor density	: No data available
Relative density	: No data available
Density	: 2.93 g/mL (77 °F / 25 °C) Method: lit.
Solubility(ies) Water solubility	: 0.017 g/l slightly soluble (68 °F / 20 °C) Method: OECD Test Guideline 105 GLP: yes
Partition coefficient: n- octanol/water	: Not applicable for inorganic substances
Autoignition temperature	: not combustible
Decomposition temperature	: No data available
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Flow time	: No data available
Explosive properties	: No data available
Oxidizing properties	: none
Molecular weight	: 100.09 g/mol
Particle characteristics Particle size	: No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No data available
Chemical stability	: The product is chemically stable under standard ambient conditions (room temperature) .
Possibility of hazardous reactions	: Generates dangerous gases or fumes in contact with: acids carbon dioxide ammonium compounds acidic salts acidic Exothermic reaction with: Fluorine Aluminum magnesium
Conditions to avoid	: Exposure to moisture may affect product quality. no information available
Incompatible materials	: No data available
Hazardous decomposition products	: In the event of fire: see section 5

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

LD50 Oral - Rat - female - > 2,000 mg/kg

(OECD Test Guideline 420)

LC50 Inhalation - Rat - male and female - 4 h - > 3 mg/l - aerosol

(OECD Test Guideline 403)

LD50 Dermal - Rat - male and female - > 2,000 mg/kg

(OECD Test Guideline 402)

Skin corrosion/irritation

Skin - reconstructed human epidermis (RhE)

Result: No skin irritation - 15 min

(OECD Test Guideline 439)

Serious eye damage/eye irritation

Eyes - Bovine cornea

Result: No eye irritation - 4 h

(OECD Test Guideline 437)

Respiratory or skin sensitization

Local lymph node assay (LLNA) - Mouse

Result: negative

(OECD Test Guideline 429)

Germ cell mutagenicity

Test Type: Ames test

Test system: Escherichia coli/Salmonella typhimurium

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 471

Result: negative

Test Type: Mutagenicity (mammal cell test): chromosome aberration.

Test system: Human lymphocytes

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 473

Result: negative

Test Type: In vitro mammalian cell gene mutation test

Test system: mouse lymphoma cells

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 476

Result: negative

Carcinogenicity

IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available

11.2 Additional Information

Repeated dose toxicity - Rat - male and female - Oral - 48 Days - NOAEL (No observed adverse effect level) - 1,000 mg/kg

RTECS: FF9335000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately.

Handle in accordance with good industrial hygiene and safety practice.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

calcium carbonate:

- Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l
End point: mortality
Exposure time: 96 h
Test Type: semi-static test
Method: OECD Test Guideline 203
GLP: yes
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l
End point: Immobilization
Exposure time: 48 h
Test Type: static test
Method: OECD Test Guideline 202
GLP: yes
- Toxicity to algae/aquatic plants : ErC50 (Desmodesmus subspicatus (green algae)): 14 mg/l
Exposure time: 72 h
Test Type: static test
Analytical monitoring: yes
Method: OECD Test Guideline 201
GLP: yes
- Toxicity to microorganisms : EC50 (activated sludge): > 1,000 mg/l
Exposure time: 3 h
Test Type: static test
Method: OECD Test Guideline 209
GLP: yes

Persistence and degradability

Components:

calcium carbonate:

- Biodegradability : aerobic
Inoculum: activated sludge, non-adapted
Concentration: 83.3 mg/l
Result: Readily biodegradable.
Biodegradation: 90 %
Exposure time: 28 d

Sigma - C5929

Page 9 of 13

Bioaccumulative potential

Components:

calcium carbonate:

Bioaccumulation : Remarks: Bioaccumulation is unlikely.

Partition coefficient: n-octanol/water : Remarks: Not applicable for inorganic substances

Mobility in soil

No data available

Other adverse effects

Components:

calcium carbonate:

Results of PBT and vPvB assessment : Substance does not meet the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII.

Additional ecological information : No ecological problems are to be expected when the product is handled and used with due care and attention.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to IMO instruments

Not applicable for product as supplied.

National regulation

49 CFR Road

Not regulated as a dangerous good

Poison Inhalation Hazard : No

Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

SECTION 15. REGULATORY INFORMATION**CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : No SARA Hazards

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations**Massachusetts Right To Know**

No components are subject to the Massachusetts Right to Know Act.

Maine Chemicals of High Concern

Product does not contain any listed chemicals

Vermont Chemicals of High Concern

Product does not contain any listed chemicals

Washington Chemicals of High Concern

Product does not contain any listed chemicals

The ingredients of this product are reported in the following inventories:

TSCA : All substances listed as active on the TSCA inventory

TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

SECTION 16. OTHER INFORMATION

Full text of other abbreviations

NIOSH REL : USA. NIOSH Recommended Exposure Limits
NIOSH REL / TWA : Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

The information is believed to be correct but is not exhaustive and will be used solely as a guideline, which is based on current knowledge of the chemical substance or mixture and is applicable to appropriate safety precautions for the product. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Copyright 2020 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.

Revision Date : 04/24/2025

The branding on the header and/or footer of this document may temporarily not visually match the product purchased as we transition our branding. However, all of the information in the document regarding the product remains unchanged and matches the product ordered. For further information please contact mlsbranding@sial.com.

US / EN