



INDUSTRIAS GAT, SA.

SAFETY DATA SHEET GHS HCS 29 CFR 1910.1200

Product Name: **CALCIUM CARBONATE**

Revision Date November 20, 2015

Read the entire SDS for a complete hazard assessment.

1. Product and Company Identification

1.1 Designation/Trade Names: GAT WHITE

Trade Names: GAT Carb UF (all grades); GAT WHITE (all grades); GAT PLUS (all grades); GAT CARB (all grades), GAT Carb 140M and GAT Carb 200M

Chemical Family: INORGANIC NATURAL CALCITE

1.2 Recommended use: Various

1.3 Restrictions on use: Commercial use only.

1.4 Manufacturer and distributor:

Manufacturer: **INDUSTRIAS GAT, S. A.**
Km. 19 Autop
San Cristóbal Haina,
DOMINICAN REPUBLIC.

Phone: 809 542-2171

Fax: 809 955-0005

Responsible Party: Gregorio Taveras

E-mail: grego_taveras@hotmail.com

Distributor: R. E. Carroll, Inc.
1570 North Olden Avenue
Trenton, NJ 08638
USA

www.recarroll.com

Phone: 609-695-6211

Fax: 609-695-0102

John Boruta

Quality Assurance / Compliance Manager

Email: johnb@recarroll.com

1.5 Emergency contact:

GAT, Phone (809) 542 -2171

In the U.S.: For a transport accident, leak, fire, or major spill, call **CHEMTREC** at (800) 424-9300.
For International **CHEMTREC** assistance, call 1-703-527-3887 (collect calls accepted).

2. Hazards Identification

2.1 Hazard Classification:

OSHA Classification in accordance with 29 CFR 1910 (OSHA HCS): non-hazardous.

GHS Classification: Not classified

This SDS meets the requirements of GHS Revision 3.

2.2 Label elements including precautionary:



INDUSTRIAS GAT, SA.

SAFETY DATA SHEET GHS HCS 29 CFR 1910.1200

Product Name: CALCIUM CARBONATE

Revision Date November 20, 2015

Symbol: None

Signal word: None

Hazard Statements: None

Precautionary Statements: Wear protective gloves, clothing, eye, and face protection.
Do not breathe dusts. Keep away from all ignition sources. Avoid release to the environment.

IF SWALLOWED: call a POISON CENTER or doctor/physician. Do NOT induce vomiting. If exposed or concerned, get medical advice/attention.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If a cough or other respiratory symptoms develop, consult medical personnel.

IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. If skin irritation occurs, get medical attention.

IF IN EYES: Immediately flush eyes thoroughly with water for several minutes. Remove contact lenses after one to two minutes and continue flushing for several more minutes. If redness, itching or burning sensation develops, seek medical attention.

STORAGE: Store in accordance with local/regional/national/international regulation.

DISPOSAL: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. See section 13 of this SDS for disposal instructions.

2.3 Other hazards which are not included in the classification criteria

Potential Health Hazards:

Calcium carbonate dust is a physical irritant of the eyes, nose, mucous membranes, and skin of humans. Contact of calcium carbonate dust with the eyes causes redness, pain, and inflammation of the eyelids while skin contact causes local irritation of moderate degree. Exposure to large amounts of the dust causes coughing sneezing, and nasal irritation.

Slipping Hazard.

3. Composition/Information on Ingredients

Component/Substance	CAS Number	% by Weight
Limestone	1317-65-3	100
Quartz Silica	14808-60-7	< 0.1



INDUSTRIAS GAT, SA.

SAFETY DATA SHEET GHS HCS 29 CFR 1910.1200

Product Name: CALCIUM CARBONATE

Revision Date November 20, 2015

4. First-Aid Measures

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

4.1 Inhalation:

Move to fresh air. If a cough or other respiratory symptoms develop, seek medical attention.

4.2 Skin contact:

Wash skin with plenty of soap and water. If redness, itching or burning sensation develops, seek medical attention. Wash contaminated clothing before use.

4.3 Eye contact:

Immediately flush eyes thoroughly with water for several minutes. Remove contact lenses after one to two minutes and continue flushing for several more minutes. If redness, itching or burning sensation develops, seek medical attention.

4.4 Ingestion:

DO NOT INDUCE VOMITING. Drink one or two glasses of water. Ingestion may cause gastrointestinal blockage. Do not give laxatives. If irritation or discomfort develops, seek medical attention or contact a poison control center. Never give anything by mouth to an unconscious person.

4.5 Acute and delayed symptoms/effects:

Eye Contact: Solid or dust may cause irritation or corneal injury due to mechanical action.

Skin Contact: Prolonged contact is essentially nonirritating to skin. Mechanical injury only. No adverse effects anticipated by skin absorption.

Ingestion: Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts. May cause choking if swallowed.

Inhalation: Dust may cause irritation to upper respiratory tract (nose and throat).

Chronic health effects: Chronic exposure may cause respiratory irritation. See Section 11.

Relevant routes of exposure: Eye, skin, inhalation.



INDUSTRIAS GAT, SA.

SAFETY DATA SHEET GHS HCS 29 CFR 1910.1200

Product Name: CALCIUM CARBONATE

Revision Date November 20, 2015

4.6 Indication of immediate medical attention and notes for physicians:

Persons with pre-existing skin, eye, or respiratory conditions may be at an increased risk from the irritant properties of this material. Attending physician should treat exposed patients symptomatically.

5. Fire-Fighting Measures

5.1 Extinguishing media:

Suitable extinguishing media: Use foam, carbon dioxide (CO₂) or dry chemical to extinguish fire. Limit use of water spray to cool fire-exposed containers and to protect personnel. Hand held dry chemical or carbon dioxide extinguishers may be used for small fires. Dust explosion hazard may result from forceful application of fire extinguishing agents. Spattering of molten product may result from spraying water.

Unsuitable extinguishing media: For this product, no limitations of extinguishing agents are given.

5.2 Special hazards arising from the chemical:

Unusual fire and explosion hazards: Do not permit dust to accumulate. Dense smoke is emitted when burned without sufficient oxygen.

Hazardous Combustion Products: During a fire, smoke may contain the original material in addition to combustion products of varying composition, which may be toxic and/or irritating. Combustion products may include and are not limited to carbon monoxide, carbon dioxide. Thermal decomposition beginning at 550 degree C (1022 degree F) can produce calcium oxide and carbon dioxide. Heating of this product above 225 degree C (437 degree F) may cause volatilization and/or thermal decomposition of processing aids, resulting in the gaseous release of trace amounts of organic compounds.

5.3 Special protective equipment and precautions for firefighters:

Fire Fighting Procedures: Keep personnel away. Isolate fire and deny unnecessary entry. Soak thoroughly with water to cool and prevent re-ignition. If material is molten, do not apply direct water stream. Use fine water spray or foam. Cool surroundings with water to localize fire zone. Hand held dry chemical or carbon dioxide extinguishers may be used for small fires.

Special Protective Equipment for Firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (includes firefighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

6. Accidental Release Measures



INDUSTRIAS GAT, SA.

SAFETY DATA SHEET GHS HCS 29 CFR 1910.1200

Product Name: CALCIUM CARBONATE

Revision Date November 20, 2015

Calcium carbonate (1317-65-3)

OSHA: 15 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable fraction)
NIOSH: REL 10 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable dust)

Silica 14464-46-1

TWA: 0.025 mg/m³

ACGIH TLV

OSHA PEL

Respirable fraction

(vacated) TWA: 0.1 mg/m³

respirable dust (30)/ (%SiO₂ + 2) mg/m³ TWA total dust

(250) / (%SiO₂ + 5) mppcf TWA respirable fraction

(1 0) / (%SiO₂ +2) mg/m³ TWA respirable fraction

NIOSH IDLH

IDLH: 50 mg/m³ respirable dust

TWA 0.05mg/m³ Respirable dust

8.2 Appropriate engineering controls:

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment). Use only appropriately classified electrical equipment and powered industrial trucks: Refer to NFPA 654, *Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids*, for safe handling.

8.3 Personal protective equipment:

Respiratory protection: Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. Use an approved air-purifying respirator when vapors are generated at increased temperatures or when dust or mist is present. The following should be effective types of air-purifying respirators: When dust/mist is present use a Particulate filter. When combinations of vapors, acids or dusts/mists are present, use an Organic vapor with acid gas cartridge and particulate pre-filter.

Hand protection: Gloves Consistent with general hygienic practice for any material, skin contact should be minimized. Selection of gloves will depend on the task.

Eye protection: Safety glasses/goggles. If there is a potential for exposure to particles which could cause eye discomfort, wear chemical goggles. If exposure causes eye discomfort, use a full-face respirator



INDUSTRIAS GAT, SA.

SAFETY DATA SHEET GHS HCS 29 CFR 1910.1200

Product Name: CALCIUM CARBONATE

Revision Date November 20, 2015

Skin and body protection: Wear clean body-covering clothing to prevent skin exposure.

Other: Have safety showers, eye fountains, and water supply in work area. Do not consume or store food in the work area. Wash hands before smoking or eating.

9. Physical and Chemical Properties

Appearance:	
Physical state	Powder
Color	White
Odor	None
Odor Threshold	NA
Auto-ignition Temperature	Not known
Decomposition Temperature	> 600 deg C
Density	2.7 g/ml
Density , relative	No Data
Evaporation Rate	NA
Explosion Hazard	Does Not Explode
Flammability (solid, gas)	Not flammable
Flash Point	Does not flash
Initial Boiling Point and Boiling Range	NA
Melting Point/freezing Point	Not known
Partition coefficient n-octanol/water	NA
pH	7.5- 9.0
Self ignition Temperature	NA
Solubility(ies);	Low solubility water
Upper/lower Flammability or Explosive Limits	Not known
Vapor Density	NA
Vapor Pressure	NA



INDUSTRIAS GAT, SA.

SAFETY DATA SHEET GHS HCS 29 CFR 1910.1200

Product Name: CALCIUM CARBONATE

Revision Date November 20, 2015

Viscosity	NA
-----------	----

10. Stability and Reactivity

10.1 Chemical stability: Stable under normal temperature conditions and recommended use.

10.2 Possibility of hazardous reactions:

No hazardous reactions if stored and handled as prescribed/indicated. Contact with acids will produce carbon dioxide (CO₂) gas which can displace oxygen in closed spaces (danger of suffocation.)

10.3 Decomposition temperature: > 600 deg C

10.4 Conditions to avoid:

Keep at temperature not exceeding 80°C. Keep away from heat and sources of ignition.

10.5 Materials to avoid: Strong acid and bases, alum and ammonium salts.

10.6 Hazardous decomposition products:

Calcium oxide, carbon dioxides, and others gas products through combustion.

11. Toxicological Information

11.1 Information on the likely routes of exposure:

Inhalation, ingestion, skin, and eye contact.

11.2 Information on toxicological effects

Acute Toxicity Data on Product: No data.

Acute Toxicity data on ingredients:

Calcium carbonate

Acute oral toxicity: LD₅₀ oral rat >2000 mg/kg (OECD Guideline 420)

Acute dermal toxicity: LD₅₀ dermal rat >2000 mg/kg (OECD Guideline 402)

Acute inhalation toxicity: > 3 mg/l/4h (OECD Guideline 403) for solid substance



INDUSTRIAS GAT, SA.

SAFETY DATA SHEET GHS HCS 29 CFR 1910.1200

Product Name: CALCIUM CARBONATE

Revision Date November 20, 2015

GHS Classification

Skin corrosion/irritation:

May causes mild skin irritation
Classification: Not classified as irritant

Serious eye damage/irritation:

Slight eye irritation
Classification: Not classified as irritant

Inhalation:

May cause mild respiratory tract irritation
Classification: Not classified

Respiratory sensitization:

Did not cause sensitization on laboratory animals, mouse
Classification: Does not cause respiratory sensitization

Skin sensitization:

Did not cause sensitization on laboratory animals, guinea pig
Classification: Does not cause skin sensitization

Ingestion

Did not cause disturbance in small amounts.
Classification: Not toxic by ingestion.

Repeated dose toxicity

Inhalation Rat: No toxicologically significant effects were found.

Mutagenicity: Tests on bacterial or mammalian cell cultures did not show mutagenic effects

Reproductive Toxicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Specific target organ toxicity (STOT):

STOT-single exposure: Classification: Not classified

STOT-repeated exposure: Classification: Not classified

Aspiration Hazard: Not applicable.

Chronic effects Prolonged inhalation may be harmful.

11.3 Carcinogenicity Status Product

Contains < 0.1% SiO₂ (CAS 14808-60-4). Not considered a carcinogen by IARC, NTP, OSHA, or ACGIH.

Crystalline Silica

Inhalation Effects Chronic:

Crystalline silica has been shown to cause emphysema, obstructive airway disease, silicosis, and lung disease and lung disease. Crystalline silica only causes these conditions when inhaled.



INDUSTRIAS GAT, SA.

SAFETY DATA SHEET GHS HCS 29 CFR 1910.1200

Product Name: CALCIUM CARBONATE

Revision Date November 20, 2015

Regulated carcinogen(s) Crystalline Silica:

The International Agency of Research on Cancer (IARC) has determined that over exposure to crystalline silica can cause lung cancer in humans. IRAC classifies it in Group1: sufficient evidence in humans for carcinogenicity.

National Toxicity Program (NTP) lists it as a known human carcinogen.

OSHA carcinogen listed

ACGIH A2 Suspected Human Carcinogen

Health effects from exposure to crystalline silica occur only when it is inhaled.

12. Ecological Information

12.1 Aquatic Toxicity

LC50 fish	> 100 mg/l Oncorhynchus mykiss-OECD 203
EC50 Daphnia	> 100 mg/l OECD 202
EC50 other aquatic organisms 2	> 1000 mg/l 3h - Activated sewage sludge - OECD 209
ErC50 (algae)	> 14 mg/l Desmodesmus subspicatus-OECD 201
NOEC (acute)	14 mg/l Desmodesmus subspicatus – OECD

12.2 Mobility: In air VOC is less 3% by weight (EU regulation)

12.3 Aquatic and terrestrial ecotoxicity:

Toxicity to fish: Due to its structure (granule form) and insolubility, the product should present little danger to aquatic organism

Toxicity to aquatic invertebrates: Not hazardous

Toxicity to aquatic plants: Not hazardous

12.4 Bioaccumulation and Biodegradation: Not applicable inorganic material.

12.5 Additional remarks environmental fate and pathway: Do not dispose of waste into sewer or waterways, large amounts may affect ecosystem.

13. Disposal Considerations

13.1 Disposal methods:



INDUSTRIAS GAT, SA.

SAFETY DATA SHEET GHS HCS 29 CFR 1910.1200

Product Name: CALCIUM CARBONATE

Revision Date November 20, 2015

Uncontaminated discarded product is not a hazardous waste under RCRA. Do not dump into any sewers, on the ground or into any body of water. All disposal practices must comply with all federal, state, and local laws and regulations. Offer surplus and non-recyclable solutions to a licensed disposal company. If incineration is used, take precautions to guard against the formation of explosive dust air mixtures when handling combustible powders.

13.2 Disposal precaution:

Observe all federal, state, and local regulations when disposing of this product.

13.3 Container disposal:

Empty container retains product residue. Observe all hazard precautions. Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product. Remove all product residue. Puncture or otherwise destroy empty container and dispose of in a facility permitted for non-hazardous waste.

14. Transport Information

Land transport (ADR): Not regulated

Land transport (RID): Not regulated

Sea transport (IMDG): Not regulated

Air transport (ICAO/IATA): Not regulated

Marine Pollutant (Yes/No): No

15. Regulatory Information

U.S. Regulations

15.1 US EPA TSCA Inventory: All chemical substances in the products comply with all rules or orders under TSCA. All intentionally added ingredients either are listed on the TSCA Inventory list or exempt from listing.

15.2 SARA Section 311/312 Hazard Categories

Acute Hazard: No

Chronic Hazard: No

Fire Hazard: No

Reactive Hazard: No

Sudden Pressure Release: No



INDUSTRIAS GAT, SA.

SAFETY DATA SHEET GHS HCS 29 CFR 1910.1200

Product Name: CALCIUM CARBONATE

Revision Date November 20, 2015

15.3 CERCLA Hazardous Substance:

<u>Component(s)</u>	<u>Reportable Quantity</u>
None	

15.4 SARA Section 302 Extremely Hazardous Substances:

<u>Component(s)/</u> <u>CAS Number</u>	<u>Concentration</u>	<u>Min</u>	<u>Max</u>
None			

15.5 SARA Section 313 Toxic Chemicals:

<u>Component(s)/</u> <u>CAS Number</u>	<u>Reporting</u> <u>Threshold</u>	<u>Concentration</u> <u>Min</u>	<u>Max</u>
None			

15.6 California Proposition 65:

This product is known to contain chemical(s) known to the State of California to cause cancer or reproductive harm.

Silica	CAS No. 14464-46-1	< 0.1%
--------	--------------------	--------

15.7 Pennsylvania Worker and Community Right To Know Act:

Calcium carbonate	CAS-No. 1317-65-3	
Hazardous Substances:	Silica CAS No. 14464-46-1	<0.1%

15.8 New Jersey Worker and Community Right To Know Act:

Calcium carbonate	CAS-No. 1317-65-3	
Hazardous Substances:	Silica CAS No. 14464-46-1	< 0.1%

International Regulations

Canadian Regulations:

15.9 WHMIS Statement:

This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the SDS contains all the information required by the *Controlled Products Regulations*. This product is classified as not controlled in accordance with the Canadian Controlled Products Regulations (WHMIS):

15.10 Other EU

This product complies with RoHS (Restriction on Hazardous Substances).



INDUSTRIAS GAT, SA.

SAFETY DATA SHEET GHS HCS 29 CFR 1910.1200

Product Name: CALCIUM CARBONATE

Revision Date November 20, 2015

This product was not manufactured with DOP (n-Di-octyl phthalate), DOA (D-Dioctyladipate), or polyester plasticizers as raw materials.

Regulations of the European Union (Labeling)/National legislation/regulations:

According to Regulation EC N° 1907/2006 and amendment N° 453/2010: No REACH Annex XVII restrictions. Contains no REACH candidate substance.

International regulations:

Foreign Chemical Inventory List(s):

Canadian CEPA: Listed.

Japanese ENCS: Listed.

Korean ECL: Listed.

Philippines PICCS: Listed.

EEC EINECS: All monomers listed

New Zealand NZIoC Listed.

China IECS listed.

Australian AICS listed.

ASIA-PAC listed.

16. Other Information

16.1 NFPA and HMIS Hazard Ratings:

We assigned NFPA and HMIS ratings to this product based on the hazards of its ingredient(s). Because the customer is most aware of the application of the product, the customer must ensure that the proper personal protective equipment (PPE) is provided consistent with information contained in the product SDS. This information is intended solely for the use of individuals trained in the particular hazard rating system.

Key: 0 = least, 1 = slight, 2 = moderate, 3 = high, 4 = extreme

NFPA (National Fire Protection Association) - Classification

Health	1	minimal
Flammability	0	slight
Instability or Reactivity	0	minimal

HMIS® [Hazardous Materials Identification System (Paint & Coating)] - Classification

Health	1*	minimal, chronic
Flammability	0	slight
Reactivity	0	minimal

NFPA, HMIS® rating involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe



INDUSTRIAS GAT, SA.

SAFETY DATA SHEET GHS HCS 29 CFR 1910.1200

Product Name: CALCIUM CARBONATE

Revision Date November 20, 2015

handling of this material, all the information contained in this SDS must be considered. This information is supplied solely for the use of individuals trained in the particular hazard rating system.

16.1 Revision information:

Date of the previous revision: June 30, 2015

Date of this revision: November 20, 2015 (Version 2)

Revision summary: Revised GHS/OSHA compliant SDS

16.2 Training advice:

Provide adequate information, instruction and training for operators.

16.3 Use and restricted use:

Use: Various

Restricted use: Consumer use

This Safety Data Sheet conforms to US GHS (Revision 3) Hazcom 2012

The opinions expressed herein are those of qualified experts within R.E. Carroll, Inc. We believe that the information contained herein is current as of the date of this Safety Data Sheet. Since the use of this information and of these opinions and the conditions of use of this product are not within the control of R.E. Carroll, Inc., it is the user's obligation to determine the conditions of safe use of the products.

END OF SDS
