



SAFETY DATA SHEET

[Required under safety and health regulations for shipping and handling]

Version: 2019

Date Updated: July 11, 2019

SECTION 1. ----- PRODUCT AND COMPANY

IDENTIFICATION-----

Product Name Calcium carbonate, anhydrous
Product Code(s) CB0052
Recommended Use For Laboratory Research Use Only
 Not for Human or Animal Drug Use

Supplier Bio Basic Inc.
Address 20 Konrad Crescent, Markham, Ontario,
 Canada, L3R 8T4
Telephone (905) 474 4493
Fax (905) 474 5794
For Chemical Emergency Phone# (416) 995 9730

SECTION 2. ----- HAZARDS IDENTIFICATION -----

Globally Harmonized System (GHS)

Not a dangerous substance or mixture

HMIS Classification

Health hazard 0
 Flammability 0
 Physical hazards 0

NFPA Rating

Health hazard 0
 Fire 0
 Reactivity Hazard 0

Potential Health Effects:

Eyes: May cause eye irritation.

Skin: May cause skin irritation. May be harmful if absorbed through skin.

Ingestion: Ingestion of large amounts may cause gastrointestinal irritation. Expected to be a low ingestion hazard.

Inhalation: Low hazard for usual industrial handling. Excessive inhalation may cause minor respiratory irritation.

Chronic: Chronic ingestion may cause hypercalcemia, alkalosis, and kidney damage. May also produce "milk-alkali syndrome" characterized by neurological symptoms such as irritability, lethargy, stupor, and coma.

SECTION 3. ----- COMPOSITION/INFORMATION ON INGREDIENTS -----

Chemical Name	EC No.	CAS-No	Weight %
Calcium carbonate, anhydrous	207-439-9	471-34-1	<100

SECTION 4. ----- FIRST-AID MEASURES-----

Eyes: Flush eyes with plenty of water as a precaution.

Skin: If contact, flush skin with plenty of soap & water.

Ingestion: If victim is conscious and alert, give water to rinse mouth. . Do **NOT** induce vomiting. **NEVER** give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Physician: Treat symptomatically and supportively.

SECTION 5. ----- FIRE FIGHTING MEASURES -----

Info: wear a self-contained breathing apparatus if necessary. Non-combustible, substance itself does not burn but may decompose upon heating to produce irritating, corrosive and/or toxic fumes.

Extinguishing: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

SECTION 6. ----- ACCIDENTAL RELEASE MEASURES-----

Info: Use proper PPE as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation.

SECTION 7. ----- HANDLING AND STORAGE-----

Handling: Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from strong acids.

SECTION 8. ----- EXPOSURE CONTROLS/PERSONAL PROTECTION-----

Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower. Use adequate ventilation to keep airborne concentrations low.

<u>Chemical Name</u>	<u>ACGIH</u>	<u>NIOSH</u>	<u>OSHA - Final /VacatedPEL's</u>
Calcium Carbonate	10 mg/m3 TWA	10 mg/m3 TWA (total dust); 5mg/m3 TWA	15 mg/m3 TWA 5 mg/m3 TWA

PPE: Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure. 0.11mm nitrile

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

SECTION 9. ----- PHYSICAL AND CHEMICAL PROPERTIES-----

Appearance: White
Melting Point: 800° C (dec)
pH: 8
Solubility: slightly soluble in water.
Relative Density: 2.93 g/cm3 at 25° C

SECTION 10. -----STABILITY AND REACTIVITY-----

Stability: Stable at room temperature in closed containers under normal storage and handling conditions.

Avoid: Dust generation, moisture, high humidity.

Incompatibilities: Acids, aluminum, fluorine, magnesium with hydrogen.

Hazardous Decomposition Products: Calcium oxide.

SECTION 11. ----- TOXICOLOGICAL INFORMATION-----

RTECS: FF9335000

LD50/LC50: Draize test, rabbit, eye: 750 ug/24H Mild; Oral, rat: LD50= 6450 MG/KG;

Carcinogenicity: CAS# Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

SECTION 12. ----- ECOLOGICAL INFORMATION-----

No data available.

SECTION 13. ----- DISPOSAL CONSIDERATIONS-----

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

SECTION 14. ----- TRANSPORT INFORMATION -----

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15. ----- REGULATORY INFORMATION -----

SARA 311/312: CAS# 471-34-1: none

SARA Section 302 Extremely Hazardous Substances None of the chemicals in this product have a RQ/ TPQ.

Section 313 No chemicals are reportable under Section 313.

REACH: a registration # is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration is envisaged for a later registration deadline.

STATE CAS# 471-34-1 can be found on the following state right to know lists: Pennsylvania, (listed as Calcium carbonate), NJ (listed as Calcium carbonate).

California No Significant Risk Level: None of the chemicals in this product are listed.

EUROPEAN/INTERNATIONAL REGULATIONS European Labeling in Accordance with EC Directives

WGK (Water Danger/Protection) CAS# 471-34-1: 0

Canada - DSL/NDSL CAS# 471-34-1 is listed on Canada's DSL List.

Canada - WHMIS This product has a WHMIS classified of D2B.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

CAS# 471-34-1 is not listed on Canada's Ingredient Disclosure List.

SECTION 16. ----- OTHER INFORMATION -----

Further information: no limited for paper copy, just for internal uses.

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

Disclaimer

The information provided on this MSDS 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.

Issuing Date: 11-Jul-2019

End of SDS