

Material Safety Data Sheet (MSDS)

NO.: A001R200123001001-2

Date: Jan 19, 2022

Page 1 of 5

Applicant: Jiangxi BaiRui Calcium Carbonate Co., Ltd.
Address: Gao'an Industrial Park Yichun (Taiyang Town)

Sample information:

Sample name: Nano calcium carbonate

Issue date: Jan 19, 2022

Test Requested: As specified by the client, to edit Material Safety Data Sheet (MSDS) for the submitted sample.

Dongguan City Tianrun Testing Technology Co.,Ltd.



Material Safety Data Sheet (MSDS)

NO.: A001R200123001001-2

Date: Jan 19, 2022

Page 2 of 5

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product Name: Nano calcium carbonate

Manufacture: Jiangxi BaiRui Calcium Carbonate Co., Ltd.

Address: Gao'an Industrial Park Yichun (Taiyang Town)

Emergency Telephone: \

Email: \

Section 2 - Hazards Identification

GHS Hazard Categories:None

Pictograms:None

Hazard information:None

Invasion route: Inhalation, ingestion, eyes contact, skin contact.

Health hazards:Eyes direct contact with the dust, can cause mechanical irritation of eyes.Skin direct contact with the dust, can cause skin mild dry.After inhalation can cause chest tightness, chest pain, cough, etc..Ingestion can cause abdominal pain or discomfort.

Section 3 - Composition/Information on Ingredient

Pure Admixture

Composition:

Chemical Name	In % By Weight	CAS No.	Molecular Formula
Calcium carbonate	96.4%	471-34-1	CaCO ₃
Magnesium oxide	0.5%	1309-48-4	MgO
Other	3.1%	-	-

Section 4 - First Aid Measures

Skin contact: Remove contaminated clothes and rinse the skin with plenty of water and soap, clean clothes before wearing.

Eyes contact: Lifting the upper and lower eyelids, flush the eyes with plenty of water or saline water.

Inhalation:Remove from exposure and move to fresh air immediately,maintain peogaster patency,give oxygen when breathing difficulty.

Ingestion:Ingestion discomfort,get medical aid immediately.

Material Safety Data Sheet (MSDS)

NO.: A001R200123001001-2

Date: Jan 19, 2022

Page 3 of 5

Section 5 - Fire Fighting Measures

Danger characteristic: The product can not burn.

Fire-fighting method: The staff must equip with isolated breathing apparatus, wear clothes which can defense fire and toxic gases. Put out the fire in the upwind direction. Remove the container to the open space as soon as possible.

Fire extinguishing agent: Powder, CO₂, Sandy clay.

Section 6 - Accidental Release Measures

Emergency treatment: Small amount of divulgence: clean off. Collecte in a dry, clean, covered container and transferred to safe place; Massiv divulgence: Recycle or transport to waste treatment place for handling.

Section 7 - Handling and Storage

Handling: Supply with sufficient partial air exhaust. Keep away from the fire source, heat source, no smoking in the work place. Take care when lifting and handling in case of damaging the package. Equip with relevant types and quantities of extinguishment instruments and device for divulgence handling.

Storage: Keep in sealed container, place in a cool dry place.

Section 8 - Exposure Controls, Personal Protection

MAC(mg/m³): No information

TWA(mg/m³): No information

STEL(mg/m³): No information

Engineering control: The production process space is closed, need to strengthen the ventilation. Make sure that there is a wash and shower in the vicinity of the workplace. Set emergency evacuation routes.

Respiratory Protection: No protection in normal situation. Wear self-inhalation filter type dust respirator if the dust density exceed in the air.

Eyes Protection: No protection in normal situation.

Body Protection: Wear work clothes.

Hands Protection: Wear protective gloves.

Other Protections: No smoking, dining and drinking water in the workplace. Keep good habit of hygiene.

Material Safety Data Sheet (MSDS)

NO.: A001R200123001001-2

Date: Jan 19, 2022

Page 4 of 5

Section 9 - Physical and Chemical Properties

Colour:White

PH:9.82

Melting point/range:N/A

Density:N/A

Oxidising properties:N/A

Solubility in water:N/A

Partition coefficient(n-octanol / water):N/A

Evaporation rate:N/A

Odour:Odourless

Boiling point/range:N/A

Flashpoint:N/A

Viscosity:N/A

Vapour pressure:N/A

Vapour density:N/A

Ignition temperature:N/A

UEL:N/A

Section 10 - Stability and Reactivity

Stability: Stable under normal temperature and pressure

Distribution of Ban: Strong oxidizing agent, strong acid

Conditions to Avoid: None

Hazardous Polymerization: None

Decomposition products:In normal condition of storage and use,hazardous decomposition products should not be produced.

Section 11 - Toxicological Information

Acute Toxicity: No known significant effects or serious harm.

Sub-acute and Chronic Toxicity: No known significant effects or serious harm.

Irritation: No known significant effects or serious harm.

Sensitization: No known significant effects or serious harm.

Mutagenicity: No known significant effects or serious harm.

Carcinogenicity: No known significant effects or serious harm.

Section 12 - Ecological Information

Ecological toxicity:None

Persistence and degradation:No information

Potential bioaccumulation:No information

Migration in soil:No information

Other harmful effects:None

Material Safety Data Sheet (MSDS)

NO.: A001R200123001001-2

Date: Jan 19, 2022

Page 5 of 5

Section 13 - Disposal Considerations

Disposal method: Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Disposal considerations: Choose to have certified disposal contractor.

Section 14 - Transport Information

UN number:None

Risk classification:None

Packaging Information:Packing according to customer requirements.

Transport Fashion:By sea、 By air、 By rail、 By highway

Transport Attentions: No collapse or no damage during the course of transportation. Corresponding varieties and number of fire equipment and contingency processing equipment should be equipped during the course of transportation. Strictly prohibit put the goods together with oxidizer, acid, etc. for transport. During transport, the goods should prevent exposure, rain and high temperature. Keep away from fire.

IMDG: Excepted from the dangerous goods regulations for transport by sea.

IMO: Non-Hazardous for sea transport.

Section 15 - Regulatory Information

Regulatory Information:

ISO 11014-2009 Safety data sheet for chemical products - Content and order of sections.

Regulation (EC) No. 1272/2013 Classification, Labeling and Packaging of Substances and Mixtures.

Section 16 - Additional Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof.

Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

End of MSDS