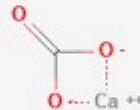


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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers:

Product form : Substance
 Substance name : Calcium Carbonate
 CAS No :471-34-1
 Formula : CaCO₃



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

Use of the substance/mixture : For laboratory and manufacturing use only.
 Recommended use : Laboratory chemicals
 Restrictions on use : Not for food, drug or household use

1.3 Details of the supplier of the safety data sheet

Company : Sujata Nutri-Pharma Pvt. Ltd.
 875/2 GIDC Estate Makarpura Vadodara 390010, Gujarat , India
 Telephone : 0265-3500351
 Website : www.sujatanutripharma.com
 Email : info@sujatanutripharma.com




1.4 Emergency telephone number

Emergency telephone : 02652630282 (9:00 to 6:00) office hours only

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

GHS-US classification Skin corrosion/irritation Category 2	H315
Serious eye damage/eye irritation Category 2B	H320

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Specific target organ toxicity (single exposure) Category 3

H335

2.2 Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



GHS07

Signal word : Warning (GHS-US)

Hazard statements (GHS-US) : H315 - Causes skin irritation H320 - Causes eye irritation H335 - May cause respiratory irritation

Precautionary statements (GHS-US) : P261 - Avoid breathing dust P264 - Wash exposed skin thoroughly after handling P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves, eye protection P302+P352 - IF ON SKIN: Wash with plenty of soap and water P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P312 - Call a POISON CENTER or doctor/physician if you feel unwell P332+P313 - If skin irritation occurs: Get medical advice/attention P337+P313 - If eye irritation persists: Get medical advice/attention P362+P364 - Take off contaminated clothing and wash it before reuse P403+P233 - Store in a well-ventilated place. Keep container tightly closed P405 - Store locked up P501 - Dispose of contents/container to comply with local, state and federal regulations If inhaled: Remove person to fresh air and keep comfortable for breathing

2.3 Other hazards

Other hazards not contributing to the classification : None under normal conditions.

2.4. Unknown acute toxicity

Not applicable

SECTION 3: Composition/information on ingredients

3.1 Substances

Substance type : Mono-constituent
Name : calcium carbonate (Main constituent)
Product identifier : (CAS No) 471-34-1
% : 100

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GHS classification :

Skin Irrit. 2, H315

Eye Irrit. 2B, H320

STOT SE 3, H335

Full text of hazard classes and H-statements : see section 16

3.2. Mixture ;Not applicable

Section 4: First Aid Measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
First-aid measures after skin contact	: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed :

Symptoms/injuries after inhalation	: May cause respiratory irritation.
Symptoms/injuries after skin contact	: Causes skin irritation.
Symptoms/injuries after eye contact	: Causes eye irritation.

SECTION 5: Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2 Special hazards arising from the substance or mixture

Fire hazard	: Not flammable..
Reactivity (some) acids.	: Upon combustion: CO and CO2 are formed. Violent to explosive reaction with (some) acids.

5.3 Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection

5.4 Further information

No data available




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SECTION 6: Accidental release measures
<p>6.1. Personal precautions, protective equipment and emergency procedures</p> <p>6.1.1. For non-emergency personnel :</p> <p>Protective equipment : Safety glasses. Gloves. Dust mask. Emergency procedures : Evacuate unnecessary personnel.</p> <p>6.1.2. For emergency responders :</p> <p>Protective equipment : Equip cleanup crew with proper protection. Emergency procedures : Ventilate area.</p> <p>6.2. Environmental precautions Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters..</p> <p>6.3. Methods and material for containment and cleaning up Methods for cleaning up : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials</p> <p>6.4. Reference to other sections See Heading 8. Exposure controls and personal protection.</p>

Section 7: Handling and Storage
<p>7.1 Precautions for safe handling</p> <p>Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Avoid breathing dust. Use only outdoors or in a well-ventilated area.</p> <p>Hygiene measures : Wash exposed skin thoroughly after handling.</p> <p>7.2. Conditions for safe storage, including any incompatibilities Storage conditions : Store at ambient/room temperature away from sunlight in a tightly closed condition.</p>

Section 8: Exposure Controls/Personal Protection						
<p>8.1 Control parameters Calcium Carbonate (471-34-1)</p> <table> <tr> <td>OSHA</td> <td>OSHA PEL (TWA) (mg/m³)</td> <td>5 mg/m³</td> </tr> <tr> <td>NIOSH</td> <td>NIOSH REL (TWA) (mg/m³)</td> <td>5 mg/m³</td> </tr> </table>	OSHA	OSHA PEL (TWA) (mg/m ³)	5 mg/m ³	NIOSH	NIOSH REL (TWA) (mg/m ³)	5 mg/m ³
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8.2 Exposure controls




- Appropriate engineering controls : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure good ventilation of the work station.
- Personal protective equipment : Safety glasses. Gloves. Dust formation: dust mask.



- Hand protection : Wear protective gloves.
- Eye protection : Chemical goggles or safety glasses.
- Respiratory protection : Dust formation: dust mask.
- Other information : Do not eat, drink or smoke during use.

Section 9: Physical and Chemical Properties
9.1. Information on basic physical and chemical properties

- Physical state : Solid
- Appearance : White powder or lumps.
- Color : white
- Odor : None.
- Odor threshold : No data available
- pH : No data available
- Melting point : 825 °C
- Freezing point : No data available
- Boiling point : No data available
- Flash point : No data available
- Relative evaporation rate (butyl acetate=1) : No data available
- Flammability (solid, gas) gf : Non flammable
- Vapor pressure : No data available
- Relative vapor density at 20 °C : No data available
- Relative density : No data available
- Specific gravity / density : 2.93 g/cm³
- Molecular mass : 100.09 g/mol
- Solubility : Water: 0.00153 g/100ml
- Log Pow : No data available

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Auto-ignition temperature : No data available
 Decomposition temperature : 825 °C
 Viscosity, kinematic : No data available
 Viscosity, dynamic : No data available
 Explosion limits : No data available
 Explosive properties : No data available
 Oxidizing properties : No data available

9.2. Other information

No additional information available

Section 10 : Stability and Reactivity Data

10.1. Reactivity

Upon combustion: CO and CO2 are formed. Violent to explosive reaction with (some) acids.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Reacts violently with acids.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong oxidizers.

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide.

Section 11 : Toxicological Information

11.1. Information on toxicological effects

Likely routes of exposure	: Inhalation; Skin and eye contact
Acute toxicity	: Not classified

Calcium Carbonate (471-34-1)	
LD50 oral rat	6450 mg/kg
ATE US (oral)	6450.000 mg/kg body weight

Skin corrosion/irritation : Causes skin irritation.
 Serious eye damage/irritation : Causes eye irritation.
 Respiratory or skin sensitization : Not classified
 Germ cell mutagenicity : Not classified
 Carcinogenicity : Not classified

Reproductive toxicity : Not classified

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Specific target organ toxicity – single exposure	: May cause respiratory irritation.
Specific target organ toxicity – repeated exposure	: Not classified
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/injuries after inhalation	: May cause respiratory irritation.
Symptoms/injuries after skin contact	: Causes skin irritation.
Symptoms/injuries after eye contact	: Causes eye irritation.

Section 12 : Ecological Information

12.1 Toxicity

No additional information available

12.2 Persistence and degradability

Citric Acid, Anhydrous (77-92-9)	
Persistence and degradability	Not established

12.3 Bioaccumulative potential

Citric Acid, Anhydrous (77-92-9)	
Bioaccumulative potential	Not established

12.4 Mobility in soil

No additional information available

12.5 Other adverse effects

Other information : Avoid release to the environment.

Section 13 : Disposal Considerations

13.1. Waste treatment methods




Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	: Avoid release to the environment

Section 14 : Transport Information

Department of Transportation (DOT)

In accordance with DOT
Not regulated

Section 15: Other Regulatory Information

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15.1. US Federal regulations Calcium Carbonate (471-34-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory
 SARA Section 311/312 Hazard Classes Immediate (acute) health hazard
 All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

15.2. International regulations

CANADA Calcium Carbonate (471-34-1)

Listed on the Canadian DSL (Domestic Substances List)
 WHMIS Classification Class D Division 2 Subdivision B - Toxic material causing other toxic effects

EU-Regulations

No additional information available

National regulations Calcium Carbonate (471-34-1)

Not listed on the Canadian IDL (Ingredient Disclosure List)

15.3. US State regulations




California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Section 16 : Other Information

Revision no: 00
 Revision date: 02-05-2022
 Other information: None.

Full text of H-phrases: see section 16:	
H315	Causes skin irritation
H320	Causes eye irritation
H335	May cause respiratory irritation

NFPA health hazard : 1 - Materials that, under emergency conditions, can cause significant irritation.
 NFPA fire hazard : 0 - Materials that will not burn under typical dire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.
 NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions

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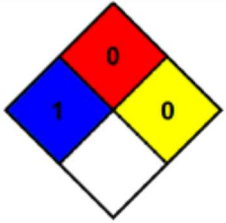


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HMIS III Rating

- Health : 1 Slight Hazard - Irritation or minor reversible injury possible
 - Flammability : 0 Minimal Hazard - Materials that will not burn
 - Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.
 - Personal protection : E
- E - Safety glasses, Gloves, Dust respirator

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sujata Nutri-Pharma Pvt.Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product.

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