



MATERIAL SAFETY DATA SHEET

AMPL CALCITE

1. Identification of the substance/preparation and company/undertaking

Identification of the substance or preparation

Product name: CALCIUM CARBONATE POWDER

Trade name

AMPL CALCO SUPER
AMPL CALCO MEDIUM
AMPL CALCO LOW

Synonyms: Limestone, Calcite, Calcium Carbonate.

Chemical Name: Calcium Carbonate

Chemical Formula: CaCO₃

Use of the substance/preparation:

This product is used as an auxiliary substance in the production process for the paper, the paint, the ceramics and the plastics industry, glass, fibre, steel etc

Company/undertaking identification Supplier:

AKJ MINCHEM PVT LTD

C/O SHREE BALAJI MARBLES & MINERALS,
NEAR MEWAR WEIGH BRIDGE, NH-8,
SUKHER UDAIPUR – 313001

RAJASTHAN (INDIA)

Tel: + 91 9509806461

www.akjminchem.com

Email:- akjminchem@gmail.com

Emergency telephone number:

+9 1 9460212340/9772789555

2. Hazards identification

The substance is not classified as dangerous according to Directive 67/548/ EEC and its amendments.

Classification: Not classified.

Physical/chemical hazards: Not applicable.

Human health hazards: Not applicable.

Environmental hazards: Not applicable.

Additional hazards: This product does not contain detectable amounts of asbestos fibres as defined by the US Occupational Safety and Health Administration (OSHA) and the European Directive 83/477/EEC, when analyzed by conventional methods. This statement is based upon verification by certified independent laboratories.

See section 11 for more detailed information on health effects and symptoms.

3. Composition/information on ingredients

Substance/preparation: Substance

Ingredient name	CAS Number	%	% by Weight	Classification
Calcium Carbonate	471-34-1	>94	100	Not classified.

See section 16 for the full text of the R-phrases declared above

Occupational exposure limits, if available, are listed in section 8.

4. First-aid measures

Effects and symptoms:

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical Attention.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious

person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear..

Skin contact:

Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact:

Not available..

Eye contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. WARM water MUST be used. Get medical attention.)

First-aid measures

Inhalation:

If inhaled, remove to fresh air.

Ingestion:

No special measures required. Get medical attention if Symptoms appear.

Skin contact:

Remove contaminated clothing and shoes. In case of contact, immediately flush skin with plenty of water.

Eye contact:

Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue rinsing. Get medical attention if symptoms appear.

See section 11 for more detailed information on health effects and symptoms.

5. Fire-fighting measures

Flammability of the Product: Non-flammable.

Auto-Ignition Temperature: Not applicable.

Flash Points: Not applicable.

Flammable Limits: Not applicable.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Not applicable.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. **Risks of explosion of the product in presence of static discharge:** Not available.

Fire Fighting Media and Instructions: Not applicable.

Special Remarks on Fire Hazards: Will ignite and burn fiercely in contact with fluorine

Special Remarks on Explosion Hazards: When a mixture of calcium carbonate and magnesium is heated in a current of hydrogen, a violent explosion occurs.

6. Accidental release measures

Personal precautions:

Keep unnecessary personnel away. Use suitable protective equipment (section 8).: Avoid creating dusty conditions and prevent wind dispersal. Product forms slippery surface when combined with water.

Environmental precautions: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Methods for cleaning up: Vacuum or sweep up material and place in a designated, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal.

7. Handling and storage

Precautions: Do not ingest. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Hygroscopic.

Packaging materials

Recommended: Not applicable.

Specific uses: Not applicable.

8. Exposure controls/personal protection

Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection:

Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:

TWA: 10 (mg/m³) from ACGIH (TLV) [United States] Inhalation Total. TWA: 10 STEL: 20 (mg/m³) [Canada] Inhalation

Total. TWA: 5 (mg/m³) from OSHA (PEL) [United States] Inhalation Respirable. TWA: 15 from OSHA (PEL) [United States]

Inhalation Total. Consult local authorities for acceptable exposure limits.

- Hand protection:** Gloves.
- Eye protection:** Safety glasses.
- Skin protection:** Wear suitable protective clothing. (Industrial clothing).
- Environmental Exposure Controls:**
Avoid wind dispersal.

9. Physical and chemical properties

- Physical state:** Solid [Powder].
- Colour:** White.
- Odour:** Odourless.
- pH:** 8-10 (Conc. (% w/w). (suspension of 10% talc in water)
- Boiling point:** Not available.
- Melting point:** Not available.
- Flash point:** Not available.
- Flammability (solid, gas):** Not applicable.
- Explosive properties:** Non-explosive in the presence of the following materials or conditions: open flames, sparks and static discharge, heat, shocks and mechanical impacts, oxidizing materials, reducing materials, combustible materials, organic materials, metals, acids, alkalis and moisture.
- Explosion limits:** Not available
- Oxidising properties:** Not applicable.
- Vapour pressure:** Not applicable.
- Specific gravity:** Not available.
- Viscosity:** Not available.
- Solubility in water:** Negligible.
- Vapour density:** Not available.
- Evaporation rate (butyl acetate = 1):**
Not available.
- Auto-ignition temperature:** Not available.

10. Stability and reactivity

- Stability:** The product is stable.
- Conditions to avoid:** Not available.
- Materials to avoid:** None.

Hazardous decomposition products:None.

Hazardous polymerisation: Not applicable.

11. Toxicological information

Potential acute health effects

Inhalation: May be irritating to the respiratory system. No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Skin contact: No known significant effects or critical hazards.

Eye contact: Avoid prolonged contact: May cause eye irritation. (redness, pain)

Potential chronic health effects:

Carcinogenicity: Based on available data, the classification criteria are not met

Mutagenicity: Not mutagenic.

Reproductive toxicity: Not considered to be toxic to the reproductive system.

12. Ecological information

Ecotoxicity data

Other ecological information

Mobility in soil: Negligible

Other adverse effects: No known significant effects or critical hazards.

13. Disposal considerations

Methods of disposal: Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Hazardous waste: Not applicable.

14. Transport information

Regulatory information	UN- number	Proper shipping	Class	Packing group	Label	Additional information
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		name				
ADR/RID- Class	Not regulated	-	-	-	-	-
ADNR - class	Not regulated	-	-	-	-	-
IMDG - class	Not regulated	-	-	-	-	-
IATA DGR - Class	Not regulated	-	-	-	-	

15. Regulatory information

Safety, health and environmental regulations/legislations specific for the substance or mixture International legislation/requirements:

Industrial Safety and Health Law: This product does not contain harmful or controlled hazardous substances under ISHL. Contains <3% silica.

Toxic Chemical Control Act: This product does not contain chemical substances regulated as toxic, observational, restricted or banned under TCCA.

Dangerous Substance Management Law: This product does not contain chemical substances regulated under DSML.

Waste Management Law: Ensure product is disposed of in accordance with the waste treatment standards prescribed in Waste Management Law.

Chemical safety assessment:Exempted from REACH registration in accordance with Annex V.7

16. Other information

History

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Prepared by: Not available.

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should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.