



Jordan chalk manufacturing company
Area Code 61110, Karak industry city - Jordan P.O 32
Fax: 00962 323 80014 Tel: 00962 238 0016
www.jordanchalk.com

Date : 27/07/2026

Ref: 3/2026

MATERIAL SAFETY DATA SHEET

1.1 Product Identification:

Description: chalk Powder

Item: PP500P / PP1000P/CP500P

Manufacturer's Name and Address:

Jordan Chalk Manufacturing Company.
Al Hussein bin Abdullah II Industrial Estate
Area Code 61110 , P. O. Box 32 Karak – Jordan
Tel.: 00962 32380016 Fax: 00962 323 80014
www.jordanchalk.com
E-mail:sales@jordanchalk.com

REACH Registration Number

Substance

Substance name

Fine Chalk Powder / Marking Chalk Powder
/ Calcium Carbonate Powder.

1.2 Relevant identified uses of the substance or mixture and uses advised against.

Recommended restrictions

Avoid generating or breathing heavy airborne dust clouds; use
with proper ventilation. Not for oral consumption; do not ingest.

on use

Keep out of reach of infants to prevent inhalation or suffocation
Hazards

2. Composition & Information on Ingredients

White Dustless Chalk	1-14	Color	Chemical Component	wt%	CAS No
		White	Calcium Carbonate CaCO_3	93.30-95.67	471-34-1
			Bentonite	2.80-4.78	1302-78-9
			Styrene Acrylic	0.47	Mixture 1336-21-6 55965-84-9
			Sodium Carboxymethyl Cellulose-CMC	0.47	9004-32-4
			Sodium silicate	0.47	1344-09-8
			Soap	0.09-0.48	61790-79-2



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Color Dustless Chalk	2-14	Color	Chemical Component	wt%	CAS No
		Yellow	Calcium Carbonate CaCO_3	92.94-95.51	471-34-1
			Bentonite	2.79-4.78	1302-78-9
			Styrene Acrylic	0.46	Mixture 1336-21-6 55965-84-9
			Sodium Carboxymethyl Cellulose-CMC	0.46	9004-32-4
			Sodium silicate	0.46	1344-09-8
			Soap	0.09-0.48	61790-79-2
			Pigment Yellow 14	0.09-0.57	5468-75-7

Color Dustless Chalk	3-14	Color	Chemical Component	wt%	CAS No
		Magenta	Calcium Carbonate CaCO_3	92.94-95.51	471-34-1
			Bentonite	2.79-4.78	1302-78-9
			Styrene Acrylic	0.46	Mixture 1336-21-6 55965-84-9
			Sodium Carboxymethyl Cellulose-CMC	0.46	9004-32-4
			Sodium silicate	0.46	1344-09-8
			Soap	0.09-0.48	61790-79-2
			Pigment Red 57.1	0.09-0.57	5281-04-9

Color Dustless Chalk	4-14	Color	Chemical Component	wt%	CAS No
		Yellow Green	Calcium Carbonate CaCO_3	92.94-95.51	471-34-1
			Bentonite	2.79-4.78	1302-78-9
			Styrene Acrylic	0.46	Mixture 1336-21-6 55965-84-9
			Sodium Carboxymethyl Cellulose-CMC	0.46	9004-32-4
			Sodium silicate	0.46	1344-09-8
			Soap	0.09-0.48	61790-79-2
			Pigment Green 7	0.01-0.57	1328-53-6
			Pigment Yellow 14	0.01-0.57	5468-75-7

			Chemical Component	wt%	CAS No
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Color Dustless Chalk	5-14	Color			
		Sky Blue	Calcium Carbonate CaCO_3	92.94-95.51	471-34-1
			Bentonite	2.79-4.78	1302-78-9
			Styrene Acrylic	0.46	Mixture 1336-21-6 55965-84-9
			Sodium Carboxymethyl Cellulose-CMC	0.46	9004-32-4
			Sodium silicate	0.46	1344-09-8
			Soap	0.09-0.48	61790-79-2
			Pigment Blue 15:3	0.09-0.57	147-14-8

Color Dustless Chalk	6-14	Color	Chemical Component	wt%	CAS No
		Orange	Calcium Carbonate CaCO_3	92.94-95.51	471-34-1
			Bentonite	2.79-4.78	1302-78-9
			Styrene Acrylic	0.46	Mixture 1336-21-6 55965-84-9
			Sodium Carboxymethyl Cellulose-CMC	0.46	9004-32-4
			Sodium silicate	0.46	1344-09-8
			Soap	0.09-0.48	61790-79-2
			Pigment Orange 34	0.09-0.57	15793-73-4

Color Dustless Chalk	7-14	Color	Chemical Component	wt%	CAS No
		Violet	Calcium Carbonate CaCO_3	92.94-95.51	471-34-1
			Bentonite	2.79-4.78	1302-78-9
			Styrene Acrylic	0.46	Mixture 1336-21-6 55965-84-9
			Sodium Carboxymethyl Cellulose-CMC	0.46	9004-32-4
			Sodium silicate	0.46	1344-09-8
			Soap	0.09-0.48	61790-79-2
			Pigment Violet 27	0.09-0.57	12237-62-6

Color Dustless Chalk	8-14	Color	Chemical Component	wt%	CAS No
		Green	Calcium Carbonate CaCO_3	92.94-95.51	471-34-1
			Bentonite	2.79-4.78	1302-78-9
			Styrene Acrylic	0.46	Mixture 1336-21-6 55965-84-9
			Sodium Carboxymethyl Cellulose-CMC	0.46	9004-32-4
			Sodium silicate	0.46	1344-09-8
			Soap	0.09-0.48	61790-79-2
			Pigment Green 7	0.09-0.57	1328-53-6

Color Dustless Chalk	9-14	Color	Chemical Component	wt%	CAS No
		Red	Calcium Carbonate CaCO_3	92.94-95.51	471-34-1
			Bentonite	2.79-4.78	1302-78-9
			Styrene Acrylic	0.46	Mixture 1336-21-6 55965-84-9
			Sodium Carboxymethyl Cellulose-CMC	0.46	9004-32-4
			Sodium silicate	0.46	1344-09-8
			Soap	0.09-0.48	61790-79-2
			Pigment Red 112	0.09-0.57	6535-46-2

Color Dustless Chalk	10-14	Color	Chemical Component	wt%	CAS No
		Dark Blue	Calcium Carbonate CaCO_3	92.94-95.51	471-34-1
			Bentonite	2.79-4.78	1302-78-9
			Styrene Acrylic	0.46	Mixture 1336-21-6 55965-84-9
			Sodium Carboxymethyl Cellulose-CMC	0.46	9004-32-4
			Sodium silicate	0.46	1344-09-8
			Soap	0.09-0.48	61790-79-2
			Pigment Blue 15:1	0.09-0.57	147-14-8

Color Dustless Chalk	11-14	Color	Chemical Component	wt%	CAS No
		Golden Yellow	Calcium Carbonate CaCO_3	92.94-95.51	471-34-1
			Bentonite	2.79-4.78	1302-78-9
			Styrene Acrylic	0.46	Mixture 1336-21-6 55965-84-9
			Sodium Carboxymethyl Cellulose-CMC	0.46	9004-32-4
			Sodium silicate	0.46	1344-09-8
			Soap	0.09-0.48	61790-79-2
			Iron Oxide Yellow 42	0.09-0.57	51274-00-1

Color Dustless Chalk	12-14	Color	Chemical Component	wt%	CAS No
		Olive – Green	Calcium Carbonate CaCO_3	92.94-95.51	471-34-1
			Bentonite	2.79-4.78	1302-78-9
			Styrene Acrylic	0.46	Mixture 1336-21-6 55965-84-9
			Sodium Carboxymethyl Cellulose-CMC	0.46	9004-32-4
			Sodium silicate	0.46	1344-09-8
			Soap	0.09-0.48	61790-79-2
			Pigment Green 7	0.01-0.50	1328-53-6
			Pigment Orange 34	0.01-0.30	15793-73-4

Color Dustless Chalk	13-14	Color	Chemical Component	wt%	CAS No
		Brown	Calcium Carbonate CaCO_3	92.94-95.51	471-34-1
			Bentonite	2.79-4.78	1302-78-9
			Styrene Acrylic	0.46	Mixture 1336-21-6 55965-84-9
			Sodium Carboxymethyl Cellulose-CMC	0.46	9004-32-4
			Sodium silicate	0.46	1344-09-8
			Soap	0.09-0.48	61790-79-2
			Pigment Red 57.1	0.01-0.30	5281-04-09
			Yellow 14 pigment	0.01-0.30	5468-75-7

			Pigment Black	0.01-0.10	1333-86-4
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Color Dustless Chalk	14-14	Color Black	Chemical Component	wt%	CAS No
			Calcium Carbonate CaCO_3	92.94-95.51	471-34-1
			Bentonite	2.79-4.78	1302-78-9
			Styrene Acrylic	0.46	Mixture 1336-21-6 55965-84-9
			Sodium Carboxymethyl Cellulose-CMC	0.46	9004-32-4
			Sodium silicate	0.46	1344-09-8
			Soap	0.09-0.48	61790-79-2
			Pigment Black	0.09-0.57	1333-86-4

3.1 Hazards Identification

Emergency Overview: No an actual Hazard

4.1 First Aid Measures

If inhaled	:Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If symptoms persist, call a physician.
In case of skin contact	:Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.
In case of eye contact	:Flush eyes with water as a precaution. Remove contact lenses. Keep eye wide open while rinsing
If swallowed	:Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

None known

4.3 Indication of any immediate medical attention and special treatment needed.

No data available

5. Firefighting measures



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5.1 Extinguishing media.

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture.

Hazardous combustion : No hazardous combustion products are known products

5.3 Advice for firefighters.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information: Standard procedure for chemical fires.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Avoid dust formation.

6.2 Environmental precautions

Environmental precautions: No special environmental precautions required.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Sweep up and shovel.

Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

Not applicable

7. Handling and Storage

7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.

No special handling advice required.

Advice on protection against fire and explosion: Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.

Hygiene measures : General industrial hygiene practice.

7.2 Conditions for safe storage, including any incompatibilities.

Requirements for storage: Keep container tightly closed in Dry place.

Advice on common storage: Do not store near acids.

Further information on storage stability: No decomposition if stored and applied as directed.

7.3 Specific end use(s)

No data available

8. Exposure Control / Personal Protection

8.1 Exposure controls

Personal protective equipment



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Eye protection	: Safety glasses
Hand protection	: For prolonged or repeated contact use protective gloves.
Skin and body protection	: Protective suit
Respiratory protection	: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Half mask with a particle filter P2 (EN 143) .

9- Physical and chemical properties

Colour :White ,Color

Physical State: Powder

Appearance: Fine homogenous powder

Melting point/range : > 800 °C (1.013 hPa) Decomposition:
Decomposes below the melting point.

PH : 8,5 - 9,5 (20 °C) Concentration: 100 g/l

Boiling point/boiling range: Decomposition: Decomposes below the boiling point.

Flash point: does not flash

Flammability (solid, gas): The product is not flammable.

Burning number : 1

Lower explosion limit / : Not applicable
Lower flammability limit

Vapour pressure : Not applicable

Density : 2,6- 2,9 g/cm³ (20 °C, 1.013 hPa)

Solubility(ies) : 0,014 g/l (20 °C, 1.013 hPa)
Water solubility 0,018 g/l (75 °C, 1.013 hPa)

Partition coefficient: Not applicable
octanol/water

Decomposition temperature: > 600 °C

Explosive properties: n.u

Molecular Weight: n.u.
Specific Gravity: 2.7g/cm³
Freezing Point: n.u.
Percent Volatile: n.d.
Odor: Odourless

Melting Point: n.u.
Evaporation Rate: (70F): n.d.
Viscosity: n.u.
Average Weight: (N/A)

10. Stability and Reactivity

Chemical Stability: Stable

Incompatibility: None

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: Normal combustion forms typical pyrolysis including



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carbon dioxide, water vapor, and minor amounts of oxides of sulfur and nitrogen. Incomplete combustion can produce carbon monoxide.

11. Toxicological Properties

Acute toxicity:	According to our experience and information provided to us the product does not entail any known hazard .
skin irritation / rabbit:	irritating (insufficient for marking)
eye irritation / rabbit:	irritating
sensitization:	none
LD 50 / rat:	> mg/kg
subacute toxicity:	none

12. Ecological Information

Do not discard into drains.

13. Disposal Considerations

Collect the waste spilled and unused product into proper designated containers either for recycling or disposal in accordance with company's policy and local city, country and federal environmental, safety and health regulations.

14. Transportation Information

The goods transported are not dangerous.

15. Regulations

According to EU-Regulations: The goods transported are not dangerous.

Marking according to the EU-Regulations: Marking is not necessary

16. Other Information

These facts are in correspondence with our current knowledge. They should describe the products according to the safety regulations and cannot ensure certain properties.

n.u. = not usable
n.d. = not determined