



SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Trade Name	Bentonite Desiccant Sachet (Kraft Paper)
Application	Moisture Absorber
Manufacturer/Supplier	EMCSAFE
Phone Number	Telephone: +989159080794
Emergency Phone Number	+989157980467
Email	Info@emcsafe.com
Emergency Email	Emcsafe@gmail.com

SECTION 2 — HAZARD IDENTIFICATION

Hazard Classification	Not classified as hazardous
Label Elements	None required

Precautionary Statements

- Avoid creating dust during sachet breakage.
- Do not ingest.
- Keep out of reach of children.

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	% by Weight
Sodium Bentonite Clay	1302-78-9	95–98%
Kraft Paper (Cellulose-based)	—	2–5%

No hazardous impurities present above GHS thresholds

SECTION 4 — FIRST AID MEASURES

- **Inhalation (dust from sachet rupture):** Move to fresh air. Seek medical advice if irritation persists.
- **Skin Contact:** Wash with water and soap. Not an irritant.
- **Eye Contact:** Rinse thoroughly with water for several minutes.
- **Ingestion:** Non-toxic, but seek medical attention if large quantities ingested.

SECTION 5 — FIRE FIGHTING MEASURES

- **Hazard:** Product is non-flammable. Kraft paper sachet may burn if exposed to fire.
- **Extinguishing Media:** Water spray, foam, CO₂, dry powder.
- **Protective Equipment:** Standard firefighting PPE.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

- If sachet is damaged, collect spilled clay with vacuum or broom.
- Avoid generating dust.
- Dispose of waste material according to local regulations.

SECTION 7 — HANDLING AND STORAGE

- Handle with care to prevent sachet rupture.

- Store in a dry, cool, well-ventilated area.
- Keep away from direct moisture until use.

SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits (dust, ACGIH) :

- Respirable dust: 1–3 mg/m³
- Total dust: 10 mg/m³

Personal Protective Equipment

- Respiratory: Dust mask (N95/FFP2)
- Eye: Safety glasses
- Skin: No special protection required

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State	crushed
Color	Light tan to gray (as dry powder)
Odor	Odorless
pH	8-10 (5% aqueous suspension)
Flammability	Non-flammable (clay); kraft paper combustible
Absorption Capacity	≥ 25% of dry weight
Moisture	max 10%

SECTION 10- STABILITY AND REACTIVITY

- Stable under normal conditions.
 - Avoid contact with strong acids.
 - No hazardous decomposition products.
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SECTION 11 TOXICOLOGICAL INFORMATION

- Non-toxic, non-irritant.
- Dust may cause temporary mechanical irritation.
- Not classified as carcinogenic (IARC Group 3 – not classifiable).

Toxicity Tests

Oral Toxicity	Not determined
Dermal Toxicity	Not determined
Inhalation Toxicity	Not determined
Primary Irritation Effect	Not classified
Carcinogenicity (June 1997).	Refer to IARC Monograph 68, Silica, Some Silicates and Organic Fibres
Genotoxicity	Not classified
Reproductive/Developmental Toxicity	Not classified

SECTION 12 - ECOLOGICAL INFORMATION

- Bentonite is natural, inert, and biodegradable.
- Kraft paper is recyclable and compostable.
- No long-term environmental hazards.

SECTION 13 — DISPOSAL CONSIDERATIONS

- Dispose of used sachets as general waste or recyclable paper waste.
- Comply with local regulations.

SECTION 14 — TRANSPORT INFORMATION

- UN Number: Not applicable
- Hazard Class: Not applicable
- Packing Group: Not applicable
- Not classified as dangerous goods under ADR, IMDG, IATA.

SECTION 15-REGULATORY INFORMATION

- REACH (EU): Exempt (naturally occurring substance).
- RoHS & DMF-free compliant.
- OSHA/GHS: Not classified as hazardous.

SECTION 16 OTHER INFORMATION

This SDS is based on current scientific knowledge. It is intended to provide safety guidance and does not guarantee specific product properties.

The information and data made here in are believed to be accurate. However, considering that production may come from new mineral veins or different mines, if a more detailed analysis or a laboratory certificate is required, please specify it at the time of contract signing.

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