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MATERIAL SAFETY DATA SHEET (MSDS)

(CALCIUM CARBONATE POWDER/ Limestone Powder)

SECTION 1: PRODUCT IDENTIFICATION

- Product Name: CALCIUM CARBONATE POWDER
- Product Code: FGCALPOW01
- Chemical Formula: CaCO3
- Manufacturer's Name: Qatar National Cement Company
- Address: PO Box 1333 Doha – Qatar

SECTION 2: HAZARDOUS INGREDIENTS

- Component: Limestone (Calcium carbonate)
- Chemical Name: Calcium Carbonate ($CaCO_3$)
- CAS Number: 1317-65-3
- Percentage by Weight: 100%

SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: Fine off/white powder
- Odor: Odorless
- Melting Point: Approximately 825°C (1,517°F)
- Solubility in Water: Insoluble

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

- Flash Point: Not applicable
- Flammable Limits: Not applicable
- Extinguishing Media: Use water, foam, or dry chemical extinguishing agents.

SECTION 5: HEALTH HAZARD DATA

- Inhalation: Inhalation of dust may cause respiratory irritation.
- Skin Contact: Prolonged or repeated exposure may cause skin irritation.
- Eye Contact: May cause mechanical irritation.
- Ingestion: Ingestion is not a likely route of exposure.

SECTION 6: EMERGENCY AND FIRST AID PROCEDURES

- Inhalation: Remove to fresh air. If breathing difficulties persist, seek medical attention.
- Skin Contact: Wash affected area with soap and water. If irritation persists, seek medical attention.

- Eye Contact: Flush eyes with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.
- Ingestion: Seek medical attention. Do not induce vomiting.

SECTION 7: SPILL AND LEAK PROCEDURES

- Avoid inhalation and skin contact.
- Contain and collect spilled material using appropriate tools.
- Dispose of it according to local regulations.

SECTION 8: HANDLING AND STORAGE

- Store in a cool, dry place.
- Use proper personal protective equipment (PPE) during handling.
- Avoid inhalation and skin contact.

SECTION 9: EXPOSURE CONTROLS/PERSONAL PROTECTION

- Respiratory Protection: N95 respirator recommended for prolonged exposure.
- Protective Clothing: Gloves and protective eyewear should be worn.
- Engineering Controls: Use local exhaust ventilation to control airborne levels.

SECTION 10: PHYSICAL AND REACTIVITY DATA

- Stability: Stable under normal conditions.
- Hazardous Decomposition Products: None under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

- Limited toxicological information available.

SECTION 12: ECOLOGICAL INFORMATION

- Not considered environmentally hazardous.

SECTION 13: DISPOSAL CONSIDERATIONS

- Dispose of it in accordance with local, state, and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

Not regulated for transportation.

SECTION 15: REGULATORY INFORMATION

Consult local regulations for any applicable restrictions.

SECTION 16: OTHER INFORMATION

This MSDS is provided for informational purposes only and should not be considered as a warranty or specification.