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Material Safety Data System
Occupational Safety and Health Administration

1. Product Identification

- Manufacturer Name : [REDACTED]
- Address : [REDACTED]
- Tel : [REDACTED]
- Fax : [REDACTED]
- Contact Person : [REDACTED]
- Trade Name : S3000
- Chemical Name : Calcium Carbonate
- Common Name : Limestone
- CAS No. : 1317-65-3
- CI No. :
- MSDS No. : 400-01-005

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MERRILLVILLE, IN 46410

2. Chemical Name & Contents

- Chemical material : Inorganic Salts
- Contents : More than 98% CaCO₃
- Molecular Formula : CaCO₃

3. Hazard / Dangerousness

- NFPA Index (0-4) :
Hygiene - 1 Fire - 0 Reactivity - 0
- Summary for Emergency :
Color - White or ash color
Odor - Free
Health - Stimulation to skin and eyes
- Latent Effect to health :
Eyes & skin - Organic stimulation for a short time exposure and stimulation for a long time exposure
Inhalation - Organic stimulation for a short time exposure
Ingestion - Nausea, diarrhea, vomiting and stomachache

4. Emergency Measure

- In case of penetration into eyes - Wash eyes with lots of pure water or saline solution till dust is thoroughly taken out
- Skin Contagion - Remove the infected clothes, accessories and shoes at once. Wash with soap or neutral detergent for 20 minutes till dust is thoroughly taken out. If necessary, seek medical aid immediately.
- Inhalation - Escape from the exposed place at once. Use the handy lifesaving equipment or the similar instrument which practices the artificial respiration. If necessary, seek medical aid immediately.
- Ingestion - To prevent vomito from closing respiratory organ, drop head lower than waist. If necessary, seek medical aid immediately

5. Physical / Chemical Characteristics

- Color – white or ash color
- Molecular Weight – 100
- Molecular Formula – CaCO₃
- pH – 8.5 – 10
- Boiling Point – N.A.
- Fusing Point – N.A.
- Steam Pressure – N.A.
- Steam Density – N.A.
- Specific Gravity – 2.7
- Melting (water) – N.A.
- Volatility – N.A.
- Vaporing Material – N.A.
- Odor Limit – N.A.
- Melting Aid – None

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6. Fire / Explosion Hazard Data

- Flash Point : N.A.
- Flammable Limits in Air % by Volume : N.A.
- Extinguishing Media : Foam or CO₂ Gas
- Special Fire Fighting Procedure – Do not use high-pressure water stream.

7. Information for Exposure and Protection

- Standard Exposure
5 mg / day OSHA TWA (Breathable Minute Particle)
15 mg / day OSHA TWA (Whole Minute Particle)
- Ventilation: Install exhaust system and check exposure degree.
- Protection of Eyes : Recommendable
- Protection of body : Not necessary
- Protection of hands : Rubber or leather gloves
- Protection of Respiratory Organ : Necessary for the frequent exposure

8. Reactivity Data

- Reactivity : Stable in high temperature and high pressure
- Conditions contributing to instability : Avoid contact with organic solvents
- Condition to be avoided : Restrain appearance of minute particle
- Polymerization Reactivity : None

9. Information for Toxicity :

- Tested 500 µg for 24 hours and had stimulation on skin
- Tested 750 µg for 24 hours and had severe stimulation on eyes

10. Solution against exposure accident :

**Put the exposed materials and particles into a receptacle for disposal.
Restrain appearance of particle. Remove remainders with high
efficiency vacuum cleaner.**

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