CALCIUM CARBONATE NANOPowDER
Stock #: NS6130-02-238

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY
Product Name: Calcium Carbonate Nanopowder
Use: Research and Development
Address: Nanoshel LLC
3422 Old Capitol Suit 1305
Wilmington DE – 19808
United States
Emergency: +1.532.253.9878

2. COMPOSITION & INFORMATION ON INGREDIENTS
Chemical Characterisation: CaCo₃
Hazardous Ingredients: Nil

3. HAZARD IDENTIFICATION
Toxicity: No Data Available
Eye Contact: Dust may cause irritation

4. FIRST AID MEASURES
Skin: Wash skin with soap and copious amounts of water
Eyes: Immediate and prolonged irritation treat with copious amounts of water.
Ingestion: Wash out mouth with water provided person is conscious.
Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration. If
5. FIREFIGHTING MEASURES

Extinguishing Data  :  Water Spray

Unsuitable Extinguishing Data  :  Carbon Dioxide, Dry Chemical Powder, Polymer Foam

Unusual Firefighting Hazards  :  Capable of creating a dust explosion

Special Firefighting Procedures  :  Use normal procedures which include wearing self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions  :  Wear respirator, chemical safety goggles, rubber boots and gloves.

Precautions to the Environment  :  Sweep up, place in a bag and hold for waste disposal.

Cleanup Procedures  :  Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

7. HANDLING AND STORAGE

Handling Precautions  :  Chemical Safety Goggles. Compatible with Chemical-resistant Gloves

Storage  :  Store in a cool dry place.

Unusable Packaging Materials  :  Wash thoroughly after handling. Irritating dust, Keep tightly closed

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Personal Protective Equipment

Respiratory  :  Self-contained breathing apparatus

Hand  :  Chemical-resistant Gloves

Eye  :  Avoid contact with eyes

Skin  :  Wash thoroughly after handling

9. PHYSICAL AND CHEMICAL PROPERTIES
**Appearance**
Form : Powder  
Colour : White  
Odour : No Odour

**Safety Related Information**
FlashPoint : N/A  
Boiling Point : N/A  
Melting Point : 825°C  
pH : 8 to 9

**10. STABILITY AND REACTIVITY**
Stability : Completely Stable  
Reactivity : Non Reactive/ Non Soluble

**11. TOXICOLOGICAL INFORMATION**
Possible Health Effects
Skin : No effect  
Eyes : Irritation  
Inhalation : No Chocking Hazard  
Toxicity : Non-Toxic

**12. ECOLOGICAL IMPACT**
Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.  
No Negative Ecological Impact, Data not Available

**13. WASTE DISPOSAL**
Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator, equipped with an afterburner and scrubber

**14. TRANSPORT INFORMATION (UN ORNEK OLARAK VERİLMİŞTİR)**
HS Code : 28365000  
CAS : 471-34-1  
Proper Shipping Name : Calcium Carbonate  
Air Transport (ICAO & IATA) : Compound Nanopowder  
Class : Non Hazardeous  
Packing group : Normal Packing  
Transport information : Not regulated for IATA (AIR)
15. OTHER REGULATORY INFORMATION

Federal and State Regulations: TSCA 8(b) inventory: Calcium Carbonate Nanopowder

Other Regulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada)

DSCL (EEC):
   R36- Irritating to eyes
   S2- Keep out of the reach of children
   S46- If swallowed, seek medical advice immediately & show container or label

HMIS (U.S.A.):
   Health Hazard: 1
   Fire Hazard: 0
   Reactivity: 0
   Personal Protection: E

National Fire Protection Association (U.S.A.):
   Health: 1
   Flammability: 0
   Reactivity: 0
   Specific hazard:

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

16. OTHER INFORMATION

References: Not available
Other Special Considerations: Not available