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
Willmington 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 Hazardous
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