



CALCIUM HYDROXYAPATITE SAFETY DATA SHEET (SDS)

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Calcium Hydroxyapatite

Synonyms: Calcium Hydroxylapatite
Hydroxylapatite

Information: Calcium Hydroxyapatite is a synthetically produced calcium phosphate mineral that is a pure form of natural bone, dentin, and enamel found in the human body. It is a white to off-white crystalline powder.

Manufacturer: Merz North America, Inc.
Address: 6501 Six Forks Road
Raleigh, NC 27615

Phone No.: 844-469-6379

Hazmat Service Emergency Number: 800-373-7542

International Shipments: +1-484-951-2432

2. HAZARD(S) IDENTIFICATION

This product is not considered to be hazardous per the Occupational Safety & Health Administration's (OSHA's) Hazard Communication Standard 29CFR1910.1200:

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Substance Name</u>	<u>CAS#</u>
Calcium Hydroxyapatite	1306-06-5

4. FIRST – AID MEASURES

Inhalation: Move to fresh air; consult a physician.

Oral Exposure: If swallowed, wash out mouth with water if conscious; consult a physician.

Skin Contact: Wash affected skin thoroughly with soap and water.

Eye Contact: Flush with copious amounts of water for at least 15 minutes; consult a physician.

5. FIRE FIGHTING MEASURES

Extinguishing media: Water, Dry Chemical, Carbon Dioxide, or Appropriate Foam

Fire Fighting Protective Equipment: As in any fire, wear self-contained breathing apparatus (SCBA) pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific Hazards: May emit hazardous fumes under fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment; avoid breathing dust.

Method for cleaning up: Use broom, shovel, or equivalent and minimize dust formation; store in closed container prior to disposal.

7. HANDLING AND STORAGE

Handle in accordance with good industrial hygiene and safety practices; keep container closed unless in use and avoid dust formation as much as possible.

Store product in dry, well-ventilated area

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Personal protective equipment: Nitrile gloves or equivalent; long sleeves and pants to minimize exposed skin; safety glasses or goggles; National Institute for Occupational Safety and Health (NIOSH) approved particulate respirator or equivalent for nuisance dust – N95 or greater protection

Wash hands and any exposed skin after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White solid or powder
Odor	None
pH (Value)	Not applicable
Melting Point	>1,250°C (2,282°F)
Initial Boiling Point and Boiling Range	No data available
Flashpoint	Not applicable
Evaporation Rate	No data available
Explosion Severity	(K _{st}) Value = 0 bar.m/s
Vapor Pressure	No data available
Density	≥2.7 g/cm ³
Solubility	Insoluble
Partition Coefficient	No data available
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

10. STABILITY AND REACTIVITY

Reactivity: No data available

Chemical Stability: Stable under recommended storage conditions

Conditions to Avoid: No data available

Incompatible Materials: Strong acids and strong oxidizers

Hazardous Decomposition Products: No data available

11. TOXICOLOGICAL INFORMATION

Health effects are not known or expected during normal use

12. ECOLOGICAL INFORMATION

Ecological data is not available

13. DISPOSAL CONSIDERATIONS

Dispose of this product according to all local, state, and federal regulations

14. TRANSPORT INFORMATION

Non-hazardous for transport

15. REGULATORY INFORMATION

This material is listed on the Toxic Substances Control Act (TSCA) inventory.

Superfund Amendments and Reauthorization Act (SARA) 302, 313 Listed: No

SARA 311/312: No

Resource Conservation and Recovery Act (RCRA) Hazardous Waste: No

16. OTHER INFORMATION

Revision Date: 25 OCT 2016

The information contained in this SDS is to the best of Merz North America, Inc.'s knowledge and is believed to be accurate and reliable as of the revision date. However, no representation, warranty, or guarantee is implied or expressed regarding the accuracy, reliability, or completeness of this information. Information contained within this SDS is related to occupational exposure.