

BioMin[®] F Toothpaste

- 1. Material Category - Toothpaste**
- 2. Material Composition/ Information on Ingredients**
 - a) Calcium Fluoro Phospho Silicate (fluoride content 530ppm)
 - b) In a Carbopol 974P Gel Base
- 3. Hazard Identification**
 - a) Fire and Explosion - this product is expected to be non-combustible
 - b) Health: Handling this product in its final form presents minimal risk from occupational exposure. Health effects information is based on hazards of components. May cause transient eye irritation.
 - c) Environment - No information is available about the potential of this product to produce adverse environmental effects.
- 4. First Aid Measures**
 - a) Inhalation - Physical form suggests risk of inhalation is negligible
 - b) Skin Contact - Using appropriate personal protective equipment, remove contaminated clothing and flush exposed area with large amounts of water. Obtain medical attention if skin irritation occurs, which may be immediate or delayed
 - c) Eye Contact - Wash immediately with clean, gentle flowing water. Continue for at least 15 minutes. Obtain medical attention
- 5. Fire-Fighting Measures**
 - a) Fire and Explosion Hazards - Not expected for the product, although packaging is combustible. Extinguishing media water is recommended for fires involving packaging
 - b) Special Firefighting procedures
 - i. For single units - no special requirements
 - ii. For larger amounts (multiple packages/ pallets) of product- since toxic, corrosive or flammable vapors might be evolved from fires involving this product and associated packaging, self-contained breathing apparatus and full protective equipment are recommended for firefighters. If possible, contain firefighting water for later disposal.
 - c) Hazardous Combustion Products - Toxic, corrosive or flammable thermal decomposition products are expected when the product is exposed to fire
- 6. Accidental Release Measures**
 - a) Personal Precautions: Wear protective clothing and equipment consistent with the degree of hazard.
 - b) Environmental Precautions: For large spills, take precautions to prevent entry into waterways, sewers, or surface drainage systems
 - c) Clean-up methods: Collect and place it in a suitable labelled container for recovery or disposal.
 - d) Decontamination Procedures - No specific decontamination or detoxification procedures have been identified for this product

7. Handling and Storage General Requirements

No special control measures for normal handling of this product. Normal room ventilation is expected to be adequate for routine handling of this product

8. Exposure Controls/ Personal Protection

Other equipment or procedures: None required for normal handling. Wash hands and arms thoroughly after handling

9. Physical and Chemical Properties

Appearance - physical form semi-solid

10. Stability and Reactivity

- a) Stability - The product is expected to be stable
- b) Conditions to avoid - None for normal handling of this product

11. Toxicological Information

- a) Oral - Not expected to be toxic following ingestion
- b) Skin effects - Irritation is not expected following direct contact
- c) Eye effects - Irritation might occur following direct contact with eyes
- d) Sensitization - Allergic skin reaction is not expected
- e) Carcinogenicity - No components are listed as carcinogens
- f) Reproductive organs - Not expected to produce adverse effects on fertility or development under Occupational exposure conditions
- g) Other adverse effects - None known for this material in humans

12. Ecological Information

No information is available about this product to produce adverse environmental effects. Local regulations and procedures should be consulted prior to environmental release

13. Disposal Considerations

- a) Disposal recommendations - Collect for recycling or recovery if possible. The disposal method for rejected products/ returned goods must ensure they cannot be re-sold or re-used
- b) Regulatory requirements - Observe all local and national regulations when disposing of this product. The MSDS should accompany all shipments for reference in the event of spillage or accidental release. Only authorized persons trained and competent in accordance with appropriate national and international regulatory requirements may prepare dangerous goods for transport

14. Transport Information

- a) UN Classification and Labelling: Transportation and shipping of this product is not restricted. It has no known, significant hazards requiring special packaging or labelling for air, maritime US or EU ground transport purposes

15. Regulatory Information

- a) The information included below is an overview of the major regulatory requirements. It should not be considered to be an exhaustive summary. Local regulations should be consulted for additional requirements.

16. Other Information

- a) NFPA Ratings: Health: 0, Flammability:0, Reactivity: 0
- b) Label hazard warning: as part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to chemical substance
- c) Label precautions: Not applicable
- d) Label First Aid; Not applicable
- e) Product Use: Oral hygiene