

Material Safety Data Sheet



Sultan Healthcare

85 West Forest Avenue, Englewood, NJ 07631

Phone: 201-871-1232 • Toll Free: 800-637-8582

Fax: 201-871-0321 • <http://sultanhealthcare.com>

EU Auth. Rep. (MDD 93/42/EEC)

MDSS GmbH • Schiffgraben 41 • D-30175 Hannover, Germany

FOR CHEMICAL EMERGENCY: CALL INFOTRAC 1-800-535-5053 24 Hrs. per day, 7 days per week
Outside the United States call collect 1-352-323-3500

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Q-Form 10-111, Rev. D

1. Chemical Identification

Common Name: U/P Root Canal Powder

Ref #: 11430 (½ oz.)

Ref #: 11427 (30 capsules)

Ref #: 11431 (2 oz.)

Ref #: 11428 (100 capsules)

Ref #: 11432 (8 oz.)

Ref #: 11429 (500 capsules)

Ref#: 11611 (15 capsules)

Chemical Name: Complex Mixture of inorganic Chemicals

Chemical Family: Inorganic Oxide and Salts

Molecular Formula: Mixture

Synonyms: U of P Root Canal Powder

2. Composition/Information on Ingredients

Zinc Oxide: CAS # 1314-13-2 < 50%, 10mg/m3

Rosin Lump: CAS# 8050-09-7 < 30%

Bismuth Subcarbonate: CAS# 5892-10-4 15%

3. Hazards Identification

Effects of Overexposure: Prolonged and repeated powder contact can be mildly irritating and cause headache.

4. First Aid Measures

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.

Skin Contact: Immediately remove contaminated clothing. Flush affected area with large amounts of water for at least 15 minutes. Use soap if available. Get medical attention.

Inhalation: If breathing is irregular or stopped, start resuscitation, administer oxygen.

Ingestion: If swallowed, do not induce vomiting and get medical attention.

Chronic Effect(s) of Overexposure: None currently known

Primary route(s) of entry: Skin, mouth, nose

5. Fire Fighting Measures

Flash Point and Method: N.A

Extinguishing Media: N.A

Flammable Limit: Lower 0, Upper 0

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: No explosion hazards.

6. Accidental Release Measures

Keep personnel away from spill area. Dike large spills and remove to salvage tanks. Prevent washings from entering all waterways.

7. Handling and Storage

Keep containers tightly closed.

Other Precautions: Keep out of direct sunlight.

8. Exposure Controls/Personal Protection

Respiratory Protection: None at ordinary condition.

Exhaust Required: Local: Face velocity greater than 60 fpm.

Mechanical (General): None

Special: None

Protective Gloves: Chemical resistant gloves.

Eye Protection: Chemical resistant goggles.

Special Protective Clothing: Wear Hydrocarbon insoluble apron.

TLV:10mg/m3 (STEL); 2mg/m3 (TWA)

TLV: not known

TLV: not known

9. Physical and Chemical Properties

Appearance: White Powder

Odor: With no apparent odor

Solubility in Water: insoluble

pH (1:1 in water): 8.05

Boiling Point (° C): N.A.

Melting Point: Higher than 500°F

Vapor Pressure (mm Hg @ 25 C): Negligible

Specific Gravity (@ 20C, H₂O = 1): 0.860/25°C

10. Stability and Reactivity

Stability: Inorganic Acids

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Carbon Monoxide in case of incomplete combustion.

Conditions to Avoid: None

11. Toxicological Information:

Not Available

12. Ecological Information

Data not available

13. Disposal Considerations:

Usual disposal method for floor wiping and trash. All local, state and federal regulations concerning health and pollution should be reviewed to determine approved disposal procedure.

14. Transit Information

Not DOT, IMDG, or IATA regulated

15. Regulatory Information

NA

16. Other Information:

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