

Material Safety Data Sheet



Sultan Healthcare, Inc.

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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

Q-Form 10-111, Rev B

Date Reviewed: May 25, 2007

1. Chemical Identification

Common Name: MCP Root Canal Dressing

Ref #: 00-11101-FG (½ oz)

2. Composition/Information on Ingredients

Parachlorophenol CAS # 108-49-9 Percent: 25 %

Camphor CAS # 464-49-3 Percent: 50 %

3. Hazards Identification

Highly toxic if inhaled. Toxic if swallowed or absorbed through skin. Corrosive to eyes, skin, respiratory tract and metals. Can adversely affect the nervous system. Repeated, prolonged contact can cause involuntary shaking, weakness, central nervous system damage.

4. First Aid Measures

Eye Contact: Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek immediate medical attention.

Skin Contact: In case of contact, immediately wash with plenty of soap and water for at least 15 minutes. Seek medical attention.

Inhalation: Remove victim from immediate source of exposure and assure that the victim is breathing. If breathing is difficult, administer oxygen, if available. If victim is not breathing, administer CPR. Seek immediate medical attention.

Ingestion: If victim is conscious and alert, give 2-3 glasses of water to drink and do not induce vomiting. Seek immediate medical attention.

5. Fire Fighting Measures

Flash Point and Method: 167 °F (75 °C) Closed Cup

Extinguishing Media: (small fire) dry chemical, carbon dioxide; (large fire) alcohol foam, universal foam, water fog.

Special Fire Fighting Procedures: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

Unusual Fire and Explosion Hazards: Product will burn under fire condition. Under fire conditions, toxic, corrosive fumes are emitted.

Hazardous Decomposition Materials (Under Fire Conditions): Hydrogen chloride, phenol, and oxides of carbon.

6. Accidental Release Measures

Ventilate area. Wearing gloves, collect leaking containers,

absorb spilled liquid using inert absorbent and collect in sealable containers.

7. Handling and Storage

Handling: Avoid contact with eyes and skin. Avoid breathing vapors. Wash with soap and water following use. Storage: Keep out of sunlight. Store in tightly closed amber glass containers.

8. Exposure Controls/Personal Protection

Use chemical goggles to protect eyes from splash and neoprene gloves to protect hands. Wash with soap and water following handling.

9. Physical and Chemical Properties

Appearance: Colorless liquid

Odor: Camphor-like odor

Solubility in Water: 1:1

pH (@ 25°C): 2.78

Boiling Point (°C): N/A

Melting Point: N/A

Evaporation Rate (Butyl acetate = 1): N/A

Vapor Pressure: N/A

Specific Gravity: 1.045

Vapor Density (Air = 1): N/A

Water Reactivity: N/A

10. Stability and Reactivity

Stability: Stable under recommended handling and storage conditions.

Hazardous Decomposition Products: Hydrogen chloride, phenol, oxides of carbon

Conditions to Avoid: Avoid contact with Active Alkali Metals, strong bases, strong oxidizing agents, acid chlorides, and acid anhydrides. Avoid extreme heat and open flame.

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11. Toxicological Information:

Acute (Parachlorophenol)

Eye Irritation: 0.25 mg/24 Hr., rabbit. Severely irritating

Skin Irritation: 2.0 mg/24 Hr., rabbit. Severely irritating

Dermal Toxicity: LD₅₀, 1500 mg/kg, rat

Inhalation toxicity: LC₅₀, 11 mg/cu m, rat.

Oral Toxicity: LD₅₀, 367 mg/kg, mouse

Chronic Toxicity: Contains chlorophenols which are considered to be probable or suspected human carcinogens as follows: OSHA: No; IARC: 2B; NTP: No; ACGIH: No

12. Ecological Information

Acute Ecotoxicity Tests

Test type: LC₅₀ Fish

Species: Brachydanio rerio

Time: 96.0 h Value: 36 mg/l

Species: Pimephales promelas

Time: 96.0 h Value: 110 mg/l

implied regarding the accuracy of these data or the results to be obtained from the use thereof. In no event will the manufacturer or the distributor be responsible for damages of any nature whatsoever resulting from the use of or reliance upon this information. General properties are to be regarded as guidelines and are not guaranteed for all sample

13. Disposal Considerations

If this material becomes a waste material it becomes a toxic waste. Observe all federal, state, and local environmental regulations.

14. Transit Information

Domestic Ground

Proper Shipping Name: Consumer Commodity

Hazard Class: ORM-D

Domestic Air

Qualifies for small quantity exception when packaged as per 49 CFR 173.4

Ocean

Limited Quantity Exception

Proper Shipping Name: Toxic Liquid, Organic, nos (Chlorophenol)

Hazard Class: 6.1 ID# UN2810 Packing Group III

EMS# F-A, S-A

International Air

Qualifies for Dangerous Goods in Excepted Quantities (IATA 2.7.5.1 and 2.7.5.2) ID# UN2810

Emergency Guide #153.

15. Regulatory Information

On the inventory of the following regulatory agencies:

United States (TSCA)

Canada (DSL)

Europe (EINECS/ELINCS)

Australia (AICS)

Japan (MITI)

South Korea (KECL)

SARA Title III Hazard Classes:

Acute Health Hazard

Chronic Health Hazard

SARA 313 Chemicals: Chlorophenols

16. Other Information

The information contained herein is based on data considered accurate. However, no warranty is expressed or