



MATERIAL SAFETY DATA SHEET

Revised/ Reviewed: June 11, 2004

CHLORHEXIDINE JUNIORS

An endodontic file lubricant to facilitate file movement within and debris removal from the root canal.

Section 1- Product and Company Information

Manufactured for: Miltex, Inc.; 589 Davies Drive, York, PA 17402

Information: 717-840-9335, 717-840-9347 (fax)

Chemical Name & Synonyms: Para-chloroaniline P.C.A.

Chemical Formula: No information

Section 2 – Composition/ Information on Ingredients

- Para-chloroaniline P.C.A.; ACGIH TLV = 500 ppm

Section 3 - Health Identification

Potential Health Effects: Acute- irritation to affected part. Chronic- no information.

Primary Route(s) of Entry: Ingestion, Eyes, and Skin Contact

Carcinogen: No information.

Medical Conditions Aggravated by Exposure: Dermatitis

HMIS Ratings: No information.

Section 4 - First Aid Measures

Flush with copious amounts of water for at least 15 minutes. If irritation occurs and persists, seek medical attention.

Section 5 – Fire Fighting Measures

Flash Point (Test Method): Not applicable

Auto Ignition Temperature: No information

Flammable Limits- No applicable

Extinguishing Media: Appropriate to surrounding fire conditions.

Special Fire Fighting Procedures: Wear MSHA/NIOSH approved self-contained breathing apparatus and appropriate protective clothing.

Unusual Fire and Explosion Hazards: Emits toxic fumes of ammonia, hydrogen chloride, and oxides of carbon and nitrogen under fire conditions.

Section 6 - Physical and Chemical Properties

Physical State: Liquid

Appearance and Odor: A clear, colorless liquid that has been incorporated into a thick gel.

Boiling Point (°C): 96

Specific Gravity (H₂O=1): 1.06

Vapor Pressure (mm Hg): Not applicable

Vapor Density (Air=1): Not applicable
Evaporation Rate (butyl acetate=1): Not applicable
Solubility in Water: Soluble
pH: No information

Section 7 – Stability and Reactivity

Stability: Stable.
Conditions to Avoid: High temperatures (over 37°C); sunlight.
Incompatibility/ Materials to Avoid: None known.
Hazardous Polymerization: Will not occur.
Hazardous Decomposition Products: Toxic fumes CO, CO₂, HCl gas.

Section 8 – Accidental Release, Disposal, and Ecological Information

Spill Response: For the small amounts used in dentistry, wipe up with a damp cloth is usually sufficient.
Waste Disposal Method: Can normally be flushed with water to sewer, but ensure that disposal is in accordance with all applicable federal, state, and local regulations.
Ecological, General: No information

Section 9 – Exposure Controls/ Personal Protection

Eye Protection: Recommended.
Respiratory Protection: None normally required.
Ventilation Recommendations: General local exhaust
Skin Protection: Impervious gloves recommended
Other: None.

Section 10 – Storage and Handling

Storage: Store in a dark, cool, well-ventilated area. Keep container tightly closed.
Handling: Handle with care to avoid spillage. Observe general safe practices.

Section 11 – Miscellaneous

Toxicological Information: No information.
Transportation Information: Material is not a U.S. DOT Hazardous Material

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