



PREVEST DENPRO LIMITED

Reg. Office : 38, Industrial Estate, Digiana, Jammu-180010, India

Unit II, EPIP, Bari Brahmana, Jammu-181133, India

Phones : +91 1923 222774, 222779, Fax : 222779

Web : www.prevestdenpro.com, E-mail : info@prevestdenpro.com

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Camphenol -Solvent for root canal disinfection

INTENDED USE: Disinfectant for treatment of root canal

Company Name: Prevest Denpro Limited

Address: 38, Industrial Estate, Digiana, Jammu-180010 (India)

Tel: + 91-191-2430442

Fax No. +91-191-2430442

Email: info@prevestdenpro.com

Web: www.prevestdenpro.com

Emergency Contact No:- +91-191-2432548

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Camphor CAS# 76-22-2 Percent :<65%

Parachlorophenol CAS# 106-48-9 Percent: <35%

SECTION 3: HAZARDS IDENTIFICATION

Acute Toxicity

Eye : Cause severe eye irritation, possible burns and irreversible damage.

Skin : Prolonged and/or repeated contact may cause severe irritation, dermatitis and possible burns
Ingestion: Cause gastrointestinal irritation with nausea, vomiting and diarrhea.
May cause tremors and convulsions coma, respiratory failure and death. May cause central nervous system effects

Inhalations : Causes respiratory tract irritation

Chronic Toxicity

Repeated or prolonged contact can cause involuntary shaking, weakness, central nervous system damage.

SECTION 4: FIRST AID MEASURES

Eye Contact : Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical it immediately.

Skin Contact : Flush skin with plenty of soap and water for at least 15 minutes. While removing contaminated clothing and shoes. Get medical aid if irritation develops or persists
Wash clothing before reuse.

Inhalation : Remove from exposure to fresh air immediately . if not breathing , Give CPR. If breathing is difficult, give oxygen

Ingestion : If victim is conscious and alert, give 2-4 cupfuls of milk or water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical aid immediately.

SECTION 5: FIRE-FIGHTING MEASURES



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Extinguishing Media : Do not use water directly on fire. For large fire, use water spray, fog or regular foam. For small fires, use dry chemical, carbon dioxide, sand, earth, water spray or regular foam. Cool containers with flooding quantities of water until well after fire is out. Special Fire Fighting Procedures: Wear self-contained breathing apparatus in pressure – demand, MSHA/NIOSH(approved or equivalent), and full protective gear Unusual Fire and Explosion hazardous: Vapors may form an explosive mixture with air. Containers may explode if heated.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Cover with dry lime or soda ash, pick up. Keep in a closed container and hold for waste disposal. Ventilate area and wash spill site after material pick up is complete.

SECTION 7: HANDLING AND STORAGE

Handling : Do not get in eyes. Avoid direct or prolonged contact with skin. Do not breathe dust or vapors. Do not ingest.

Storage : Keep out of direct sunlight, Store in tightly closed containers. Store in an area that is dry, well-ventilated and cool. Container material to avoid: plastic, polystyrene.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection : Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary. Eye Protection: Chemical resistant goggles Exhaust Required: Use adequate general or local exhaust ventilation.

Protective Gloves : Chemical resistant gloves

Special Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

SECTION 9: EXPOSURE CONTROLS/PERSONAL PROTECTION

Appearance : Clear light brown Liquid
Odor : Camphor like odor
Solubility in water : Not soluble
pH @ 25C : 4.20
Boiling point(°F) : 423
Melting point : N/A
Evaporation Rate (Butylacetate=1): 0
Vapor pressure (mm Hg @ 49C) : 1.0
Specific Gravity(25C) : 1.054



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SECTION 10: STABILITY AND REACTIVITY

Stability : Stable
Hazardous Polymerization : Will not occur
Hazardous Decomposition Products : Carbon dioxide, Carbon monoxide, hydrogen chlorides, Anhydrides, strong bases and oxidizing agents
Conditions to avoid : Ignition sources, excess heat

SECTION 11: TOXICOLOGICAL INFORMATION

Camphor

Subcutaneous, rat, 70 mg/kg LD₅₀
Oral, mouse, 1310 mg/kg LD₅₀
Intra-peritoneal, mouse, 3mg/kg LD₅₀

Parachlorophenol

Dermal, rat, 1500 mg/kg LD₅₀
Acute inhalation , rat, 1.01 mg /1/4 hr LC₅₀
Oral, mouse, ,367 mg/kg LD₅₀

Chronic Toxicity: this product contains the substance that are considered to be "probable" or "suspected" human carcinogens as follows:

SECTION 12: ECOLOGICAL INFORMATION

Parachlorophenol

Daphnia magna: 2.5 mg/1/48 hr EC₅₀

Fish: 1.9 mg /1/96 hr LC₅₀

Fresh water algae: scenedesmus subspicatus, 8.3 mg/1/72 hr EC₅₀

Chemical fate Information: Inherently biodegradable.

Camphor

No Data available

SECTION 13: DISPOSAL CONSIDERATIONS

Contact a licensed professional waste disposal service to dispose of this material. Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as vapors can be highly flammable. Observe all federal, state, and local environmental regulations.

SECTION 14: TRANSPORT INFORMATION

Proper shipping Name: Toxic Liquid Organic, nos Chlorophenol

Hazard Class: 6.1

ID#: UN2810

Packaging Group:III



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For < 8 oz domestic ground

Proper Shipping Name: Consumer Commodity

Hazard Class: ORM-D

SECTION 15: REGULATORY INFORMATION

All ingredients are on the inventory SARA Title III Hazard Classes

Acute Health Hazard: Yes

Chronic Health Hazard : Yes

SARA 313 Chemicals

Chlorophenols(100.0%)

SECTION 16: OTHER INFORMATION

Enclosure Information

Camphorated Parachlorphenol

- Description** : Camphorated Parachlorphenol is a mixture of camphor and Parachlorophenol. This preparation has an action which depends upon the slow liberation of chlorine in the presence of phenol. The camphor serves the purpose of a diluent and vehicle, and reduces the irritant and caustic effect of pure Parachlorophenol.
- Indication** : This medication is intended for use in root canal therapy for the purpose of sterilizing the root canal.
- Directions of Use** : Camphorated parachlorophenol should be applied to the root canal. The canal should first be thoroughly dried by the use of a dry, sterile paper point. It may then be introduced either by saturating another paper point and applying to the canal or by capillary pipette. Another method is to saturate a cotton pellet with drug and place it in the pulp chamber allowing the medication to diffuse into the canal.
- Precautions** : The treatment should be repeated at least once a week, until a sterile root canal can be demonstrated by culture.
- How Supplied** : Amber glass bottles with Polyseal lined caps.

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