Preparations and Medicaments for dental use

Supplementary Catalogue n°8
SUPPLEMENTARY CATALOGUE N°8

PREPARATIONS AND MEDICAMENTS FOR DENTAL USE

FOREWORD

Produits Dentaires SA is pleased to present its new, updated catalogue of root canal and periodontal preparations. It is meant as a supplementary issue to the main “PD” catalogue N°8 (which summarizes the CE marked medical devices of the “PD” product range). The preparations and medicaments for dental use described in this supplementary catalogue are not CE marked (they are not considered as medical devices) and are supplied in those countries were they are authorized or registered.

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HISTORY

Founded in 1940 by William Gehrig, Produits Dentaires SA has advanced through the decades, thanks to reputed know-how, outstanding quality and innovative mindset. Today, the company is still family-owned and the third generation daily stives to implement actions answering the challenges of the international dental industry.

PRODUCTS

Through this supplementary catalogue, Produits Dentaires SA offers to dentists a wide range of high quality products used in endodontic and periodontal treatments.

DISTRIBUTION

Present in more than 100 countries on the 5 continents, Produits Dentaires SA has created, over the years, an extensive distribution network of agents, wholesale dealers and dental depots. Thanks to our partners, «PD» brand products have gradually gained international repute, synonymous with Swiss Quality at its best.
INNOVATION

With the aim to increase its capacity to answer the demanding needs of dental professionals, Produits Dentaires SA has created its own R&D platform, Odus Technologies SA, a young company specialized in the development and transfer of technologies of medical devices.

SOCIAL RESPONSIBILITY

As a human-oriented and independent family business, Produits Dentaires SA has always considered staff integration a priority in its corporate culture. Today, the multiculturalism of its personnel represents a significant added value which also reflects its international openness.

ECOLOGICAL COMMITMENT

Produits Dentaires SA is more than ever aware of the environmental issues related to the production and distribution of its products throughout the world. Compliance with requirements and constant optimisation of its processes show the willingness of the company to fulfill its duties towards our environment.
Available separately

- Main PD Catalogue N°8 (CE medical devices for dental use)
- ODUS Products
- EDELESEPT disinfection products

ORDERS

Consult the Products Index on page 5 to find the relevant page where each item is clearly described and illustrated. Item code numbers are indicated under «REF» on a light gray background and packaging is described in bold.
### ROOT CANAL AND PERIODONTAL PREPARATIONS AND MEDICAMENTS

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## ABSCESS REMEDY

- **Portion**: radiopaque and bactericidal preparation for root-canal disinfection  
- **Paste**: root-canal radiopaque bactericidal treatment paste

### PORTION

**Properties**

«PD» Abscess Remedy is a radiopaque powder and liquid preparation which combines bactericidal and antiseptic effects.

**Indications**

> Treatment of infected 4th-degree caries 
> Temporary filling of the infected root-canal.

**Composition**

**Powder**: Paraformaldehyde 1.1%, radiopaque excipient ad 100%  
**Liquid**: Formaldehyde (40% vol.) 43.8%, Beechwood Creosote 9.2%, Thymol 4.9%, excipient ad 100%

### PASTE

**Properties**

Abscess Remedy Paste is a radio-opaque paste which combines bactericidal and antiseptic effects. It is used as a temporary dressing of the root-canal.

**Indications**

> Treatment of infected 4th-degree caries  
> Temporary filling of the infected root-canal.

**Composition**

**Jar of 12 g**

Cresol 9%, Paraformaldehyde 2.5%, Oil of Cinnamon 5.2%, excipient ad 100%
ALVEOPASTE PENGHA IODOFORM PASTE

PROPERTIES
Pengha Iodoform Paste combines 4 active substances of long-lasting therapeutic activity. Penghawar Djambi is a hæmostatic, Iodoform is an antiseptic and Ethylaminobenzoate is a local anaesthetic which acts quickly and remains effective for a long time. The Eugenol strengthens the analgesic and antiseptic effects of the other components.

INDICATIONS
> Post-extraction sockets
> Alveolar osteitis
> Prevention of post-extraction alveolar complications.

COMPOSITION
Penghawar-Djambi 4%, Iodoform 16%, Ethylaminobenzoate 26%, Eugenol 14%, Oil of Mint 8%, excipient ad 100%

CAMPHOR MONO-CHLOROPHENOL (CMCP)

PROPERTIES
Camphor Mono-Chlorophenol, also known as CMCP, is an active disinfectant for the treatment of infected root-canals and periapical infections.

INDICATIONS
> Disinfection after pulpectomy and pulp dressing
> Treatment of post-traumatic inflammation
> Disinfection of the root-canal

COMPOSITION
p-Chlorophenol 35%, Camphor 65%
CREOSOTE

- Disinfectant and analgesic for dental use

**PROPERTIES**
Creosote is composed chiefly of Guaiacol and Creosol and is used for its antiseptic and analgesic actions. It is applied topically, preferably in diluted solutions either in alcohol or in an essential oil.

**INDICATIONS**
> Disinfection of the root-canal  
> Treatment of putrescent infections, stomatitis  
> Alleviation of post-operative pain after extraction

**COMPOSITION**
Beechwood Creosote 100%

**REF**
Bottle of 15 ml 11360

ENDOSEPTONE CAMPHOR CHLOROPHENOL THYMOL WITH DEXAMETHASONE

- Solution for root-canal disinfection

**PROPERTIES**
Endoseptone is a solution which offers a triple-action:  
- bactericidal  
- sedative  
- anti-inflammatory, thanks to the added Dexamethasone. It also reduces the risk of allergic reactions.

**INDICATIONS**
> Disinfection of the root-canal and deep cavities  
> Treatment against gangrene of the pulp  
> Disinfection of narrow, obturated or partially calcified root-canals.

**COMPOSITION**
p-Chlorophenol 30%, Dexamethasone Acetate 0.1 %, Thymol 5%, excipient ad 100 %

**REF**
Bottle of 15 ml 11350
ENDOFILL

PROPERTIES
Endofill is a radiopaque preparation for permanent root-canal filling. Its composition is well tolerated by tissues and it provides anti-inflammatory, antiseptic and germicidal actions. Before hardening, the paste penetrates the narrowest fissures and maintains its therapeutic effects throughout the treatment until completely set. The final obturation neither retracts nor resorbs.

> Endofill is available as
REGULAR or SLOW setting

INDICATION
> Permanent obturation of the root-canal after pulpectomy

COMPOSITION
Powder: Dexamethasone Acetate 0.01%, Hydrocortisone Acetate 1.0%, Polyoxymethylene 2.2%, Thymol iodide 22.5%, excipient ad 100%
Liquid: Eugenol

<table>
<thead>
<tr>
<th>REGULAR</th>
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<tbody>
<tr>
<td>Portion: 15 g powder + 15 g ml liquid</td>
<td>10270 10271 10272 10275 10276 10272</td>
</tr>
<tr>
<td>Powder: bottle of 15 g</td>
<td>10270 10271 10272</td>
</tr>
<tr>
<td>Liquid: bottle of 15 ml</td>
<td>10270 10271 10272</td>
</tr>
</tbody>
</table>

Average - working times A (21°C / 50% humidity) and setting times B (37°C / ~100% hum.)

<table>
<thead>
<tr>
<th>Ratio (Liquid / Powder)</th>
<th>Spatulation</th>
<th>A (ISO 3106)</th>
<th>B</th>
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<tbody>
<tr>
<td>Endofill Regular 1/4</td>
<td>1 min. 20</td>
<td>4h45</td>
<td>2h15</td>
</tr>
<tr>
<td>Endofill Slow 1/5</td>
<td>1 min. 20</td>
<td>6h</td>
<td>5h45</td>
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</table>
IODOFORM GAUZE, 5% AND 10%

**PROPERTIES**
Iodoform is a mild analgesic possessing an antiseptic activity. It reacts with the wound secretion and fatty acids into free iodine to form, by combination with proteinic substances, an active germicide.

**INDICATIONS**
> Prevention of periodontal infections  
> Post-extraction disinfecting dressing  
> Disinfection of maxillary cavities.

**COMPOSITION**
- 5%: 100 g of gauze is impregnated with 5 g of Iodoform  
- 10%: 100 g of gauze is impregnated with 10 g of Iodoform

Glass bottle containing a gauze ribbon of 5 m x 20 mm

<table>
<thead>
<tr>
<th>Composition</th>
<th>Reference</th>
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<tbody>
<tr>
<td>5%</td>
<td>11480</td>
</tr>
<tr>
<td>10%</td>
<td>11481</td>
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</table>

IODOFORM PASTE

**PROPERTIES**
Iodoform Paste is a long-standing preparation for the treatment of infected root-canals and caries, as well as for deep-seated gingival pockets. Due to its components, the paste ensures long lasting germicidal and analgesic actions. Furthermore, the paste does not harden and is easily removable mechanically. It also facilitates its apical resorption.

**INDICATIONS**
> Infected root-canals, including those of deciduous teeth  
> Deep-seated gingival pockets.

**COMPOSITION**
Iodoform 75%, Menthol 6%, Parachlorophenol 6%, Camphor 8%, excipient ad 100%

Jar of 15 g

<table>
<thead>
<tr>
<th>Composition</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>= Walkoff’s Paste</td>
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<tr>
<td>Antiseptic, resorbable and radiopaque paste for the treatment of infected root-canals.</td>
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MUMMIFYING PASTE

PROPERTIES
Mummifying Paste is a non resorbable and radiopaque preparation for the temporary or the permanent obturation of the root-canal, used when a powerful antiseptic treatment is needed.
This preparation does not contain any anti-inflammatory component.
A slight risk of arthritis exists in cases where the paste protrudes the apex.

INDICATIONS
Temporary or permanent treatment and obturation of the root-canal.
To be used more specifically where it is not possible to totally remove the pulp.

COMPOSITION
Polyoxymethylene 20%, Cresol 15%, radiopaque excipient ad 100%

NOTE
If an anti-inflammatory component is required, use «Endofill», Root-Canal Filling with Dexamethasone.
**PULPOTEC**

**PROPERTIES**
Pulpotec is a medicament for long term treatment of pulpitis, by pulpotomy, of vital molars, both permanent and deciduous. This treatment is both simple and rapid.

**INDICATIONS**
- Pulpitis on permanent vital molars
- Pulpitis on deciduous molars
- Pulpitis on immature but permanent vital molars, enabling a complete radicular restoration of the tooth
- Infected deciduous molars in pedodontics (the only exception to the rule of a treatment on vital teeth)
- Treatment of molars suffering calcified root-canal to bring about complete clinical recovery of the tooth

**COMPOSITION**
Powder: Polyoxymethylene, Iodoform, excipient
Liquid: Dexamethasone Acetate, Formaldehyde, Phenol, Guaiacol, excipient

Radiopaque and non resorbable preparation for the treatment of pulpitis by pulpotomy of **vital** molars

**For further information**
www.pulpotec.com

**«PULPOTEC» KIT FOR PULPOTOMY**

The kit contains:

- Kit complete
- 1 special TC bur FG x-long N° 200
- 1 special TC bur FG «Batt»
- Paste filler 090
- Diamond bur FG «Pear» 018
SODIUM HYPOCHLORITE 3% SOLUTION

Solution for root-canal irrigation

PROPERTIES AND INDICATIONS
Sodium Hypochlorite 3% solution has a solvent action on pulp tissue and organic debris, and is used for irrigation of root canals.

INDICATIONS
> Disinfection after pulpectomy and pulp dressing
> Treatment of post-traumatic inflammation
> Disinfection of the root-canal

CONTRAINDICATION
Sodium Hypochlorite solution is caustic and not suitable for application to wounds or areas of infection of soft tissues.

COMPOSITION
Sodium Hypochlorite (13-14% active Chlorine)~ 25%, Stabilizer 0,08%, demineralized water ad 100%

Bottle of 250 ml 11457
Bottle of 500 ml 11458
TRICRESOL AND FORMALIN (FORMOCRESOL)

**PROPERTIES**
Since its early introduction in 1905 by Buckley, Formocresol, thanks to its antibacterial activity, has proved as efficient in vital pulpotomy as for the root-canal treatment.
The Formaldehyde acts as a powerful, long-lasting germicide and also renders inert any remaining organic materials.
The Cresol acts as an efficient antiseptic and also reduces any irritation that could be caused by the Formaldehyde.

**INDICATIONS**
> Treatment of 4th degree caries
> Root-canal dressing, specially when fistula have developed.

**COMPOSITION**
Tricresol 35%, Formaldehyde (40%) 19%, excipient ad 100%

**NOTE**
> For the treatment of 2nd and 3rd degree caries, refer to Trixanol.

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TRIXANOL

**PROPERTIES**
Trixanol is a solution which combines various bactericidal components with Dexamethasone, thus reducing inflammatory phenomena linked to the infection as well as possible allergic reactions.

**INDICATIONS**
> Disinfection of cavities of 2nd degree caries
> Root-canal disinfection after pulpectomy (3rd degree)

**COMPOSITION**
Dexamethasone 0.1%, Formaldehyde (40%) 12%, Guaiacol 64 %, N,N-Dimethylformamide 3%, excipient ad 100%

**NOTE**
> For the treatment of 4th degree caries, please refer to «Tricresol and Formalin»
DEVITEC AS

PROPERTIES
Devitec AS is a classic pulp-devitalizer which contains Arsenic, an active devitalizer whose activity is reinforced by Phenol and Procaine Hydrochloride, as anaesthetic and analgesic. The paste confers an added fibrous consistency to the pulp which facilitates its subsequent extirpation. The addition of Creosote, with its specific strong taste helps to identify a possible untightness of the temporary filling which could lead to Arsenical fuse.

INDICATION
Devitalization of the pulp when an arsenical treatment is indicated.

COMPOSITION
Arsenic Trioxide 34%, Procaine Hydrochloride 40%, Phenol 5%, Ephedrine Hydrochloride 2%, Beechwood Creosote 5%, excipient ad 100%

PRECAUTIONS
As Devitec AS contains Arsenic, it is mandatory to:
> implement all the relevant precautions normally applied when handling Arsenic and its derivates.
> advise the patient to consult the dentist immediately if there is a taste of Creosote in the mouth as this would indicate a seepage trough the temporary (risk of Arsenical fuse).

DEVITEC

PROPERTIES
Devitalizing Paste without Arsenic should be used when a preparation which does not contain Arsenic is advised. The active ingredient is Polyoxymethylene, a coagulant which acts on albumin and confers the required fibrous consistency to the pulp to facilitate its subsequent extirpation. Procaine Hydrochloride is an anaesthetic to relieve pain and calm irritation.

INDICATION
Devitalization of the pulp.

COMPOSITION
Polyoxymethylene 46%, Lidocaine Hydrochloride 37%, excipient ad 100%

Pulp devitalizing Fibre with Arsenic

Pulp devitalizing Paste, Arsenic free

REF
Jar of 5 g 11391

REF
Jar of 6 g 11402
Syringe 3.5 g 11401
**TOPICAL PASTE**

- Paste for the local anaesthesia of the oral soft tissues

**PROPERTIES**
Local anaesthesia due to the Benzocaine, active ingredient pertaining to the group of the aminoesters.

Topical paste is available in six different flavours: strawberry, banana, mint, cherry, bubble-gum, pineapple.

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<th>Flavour</th>
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<tr>
<td>Banana</td>
<td>11253</td>
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<tr>
<td>Mint</td>
<td>11254</td>
</tr>
<tr>
<td>Cherry</td>
<td>11255</td>
</tr>
<tr>
<td>Bubble-gum</td>
<td>11256</td>
</tr>
<tr>
<td>Pineapple</td>
<td>11257</td>
</tr>
</tbody>
</table>

**CHLORBUTANOL**

- Analgesic and antiseptic solution for the topical treatment of pulpitis

**PROPERTIES**
Chlorbutanol is a preparation which combines the analgesic and sedative effects of Chlorbutanol with the antiseptic action of the other components among which the Methyl Salicylate is known for its anti-inflammatory activity.

**INDICATIONS**
- Pulpal sedative (in cases of pulpitis), after dentinal treatment of superficial or deep 2nd degree caries
- Relief of pain after root extraction

**COMPOSITION**
Chlorbutanol hemihydrate 30.0%, Eugenol 57.5%, Oil of Cinnamon 10.0%, Methyl Salicylate 2.5%
HEMOSTATIC

PROPERTIES
Hemostatic is a stable, non irritant solution ready for use. Its coagulating, anti-septic and analgesic properties provide a quick hæmostasis of post-extractive and post-operative hæmorrhages as well as of bleeding of the oral mucosa, while scaling for instance.

INDICATIONS
> Post-extractive and post-operative hæmorrhages
> Local hæmorrhages of the soft tissues

COMPOSITION
Tannic Acid 25%, Chlorobutanol hemihydrate 1.6%, excipient ad 100%

REF

Bottle of 30 ml 11470
### APHTISOL

**Properties**

Aphtisol is a preparation combining the antiseptic, analgesic and sedative qualities of Eugenol with the astringent and caustic effects of Trichloroacetic acid.

**Indications**

> Treatment of apha and of small ulcerations of the oral mucosa (gums, tongue)

**Composition**

Eugenol 90%, Trichloroacetic Acid 8.1%, excipient ad 100%

**Reference**

- Bottle of 15 ml
  - 11575

### BENZOCAÏNE «PD»

**Properties**

Benzocaine «PD» is a combination of 3 active liposoluble substances, slowly absorbed by the oral soft tissues, with long lasting adhesive, analgesic, antiseptic and deodorizing effects.

**Indications**

Painful affections (notably post-operative) and lesions (bruises, irritations, wounds, etc) of the gums and the palate due to wearing a new or old, temporary or definitive, partial or complete dental prosthesis. Benzocaine «PD» helps the patient to better support the painful adaptation to a new dental prosthesis and is effective for up to 36 hours following application.

**Composition**

1 g of paste contains: 240 mg Ethyl-aminobenzoate (Benzocaine), 5 mg Oxychino-llin Sulfate, 5 mg Eugenol, excipient ad 1 g

**Reference**

- Tube of 8 g
  - 11231
- Box of 6 tubes
  - 11230
PAROSEPTOL

**PROPERTIES**
The combination of Iodine and Phenol confers antiseptic, disinfecting, germicidal and slightly analgesic effects to the solution. Paroseptol is to be used topically. 3 to 6 successive applications should be scheduled.

**INDICATIONS**
> Treatment of periodontal ailments
> Treatment of gingivitis

**COMPOSITION**
Iodine 1.5 %, Potassium Iodide 1.5 %, Phenol 48.8 %, excipient ad 100 %

**REF**
Bottle of 15 ml

11305

SURGICAL DRESSING

**PROPERTIES**
Surgical Dressing is a paste of creamy consistency to be used for treating post-operative dental pains and to combat alveolar infection. The dressing provides almost instant pain relief. Its action is long-lasting as the paste is completely absorbed by the tissues.

**INDICATIONS**
> Post-operative pain following tooth extraction and all other surgical, dental operations
> Relief of pain in gingival tissues and during the treatment of periodontal pockets
> Dry, exposed or denuded alveolar sockets
> Lacerated or traumatized tissues as well as similar wounds where dental pain and infections are to be feared.

**COMPOSITION**
Methyl Salicylate 1.75%, Ethyl Aminobenzoate 8.15%, Chlorobutanol hemihydrate 5.1%, Menthol 5.0%, Thymol Iodide 4.1%, Guaiacol 12.2%, excipient ad 100 %

**REF**
Tube of about 23 g

11630