

## Dental products:-

Dental products are used to maintain dental health and hygiene.

## Cleaning Agents:-

An efficient cleaning agent must comprise of fine particles having suitable abrasive property.

It must provide suitable abrasiveness in order to remove stains from teeth.

## Dentifrices:-

A dentifrice is a substance used for cleaning the reachable surfaces of the teeth with a tooth brush.

## Anticaries Agents / Fluorides:-

When microorganisms act on carbohydrates, acids are produced which causes dental caries or tooth decay, i.e., decalcification of tooth, along with foul mouth odour.

## Denture cleaners:-

It is used to clean dentures when they are out of the mouth.

## Denture Adhesives:-

It helps in the enhancement of natural forces that helps in holding the dentures in place and also helps to stop any movement between denture and the gum.

## Mouth washes:-

They are concentrated, clear aqueous solution having a pleasant taste is used to clean and deodorise the mouth or buccal activity.

# DENTAL PRODUCTS :-

- 1) Cleaning agents.
- 2) Dentifrices
- 3) Anticaries agent / Fluorides
- 4) Desensitising agent.
- 5) Cement and fillers.
- 6) Oral antiseptics & astringents.
- 7) Polishing / abrasive agents

Dental products	Examples	Molecular formula.	Pharmaceutical formulations.	Market preparation	Storage	Uses.
<b>Dentifrices</b> ↓ 1. Calcium carbonate 2. Strontium chloride 3. Aibasic calcium phosphate 4. Calcium phosphate.	Calcium carbonate	$CaCO_3$	Tablet, Chewables.	Turns, Turns ultra, Turns kids	Stored in well closed containers.	<ul style="list-style-type: none"> <li>It is a readily acting non-systemic antacid (tooth powder)</li> </ul>
Anticaries agents.	Sodium fluoride	NaF	Dental cream, dental gel, snags, dental paste, liquid, base.	Prevident, preventone, pres-fluorine, pres-fluor gel.	Stored in well used containers.	<ul style="list-style-type: none"> <li>For preventing dental caries.</li> <li>Reduce production of microbial acid.</li> <li>used as insecticide.</li> <li>used for fluorinating drinking water.</li> </ul>
Denture cleaners	-	-	Liquid dentures, pastes, powders, tablets.	polident, conq, decure, clinsodent, Effedent.	Stored in water or mild soaping solution overnight.	<ul style="list-style-type: none"> <li>Oxidizing ability of peroxide decomposition and effervescent action of the <math>O_2</math> results in cleaning of dentures.</li> </ul>
Denture adhesives	-	-	cream, powders, strips.	Y-Kain, fixodent, fixitydent.	Stored in cool & dry place.	<ul style="list-style-type: none"> <li>They fight bad breath.</li> <li>The adhesive locks out food particles from getting between gum and the denture.</li> </ul>
Mouth washes	-	-	oral solution.	Colgate, close up.	Stored in airtight container.	<ul style="list-style-type: none"> <li>used as astringent,</li> <li>used as antiseptic,</li> <li>used as cooling action.</li> </ul>