

11/09/21

Method of Preparation of

TOOTH PASTE.

Toothpaste :-

* It is suspension of polishing agent and detergent in a suitable binder.

* It polishes the surfaces of teeth by rubbing with a tooth brush.

Raw Materials

Uses.

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|---|--------------------|
| 01) Di calcium phosphate | - polishing agent |
| 02) Sodium lauryl sulphate | - foaming agent |
| 03) Gum | - binding agent |
| 04) Saccharin | - sweetening agent |
| 05) Glycerol | - Humectant |
| 06) Menthol, thymol, γ -Peppermint | - flavouring agent |
| 07) Methyl para hydroxy benzoate | - preservative |

Diagram :-



Method of Preparation :-

* All the ingredients except the flavouring agents are mixed thoroughly in proper proportions in an enamel vessel.

* Menthol and thymol are separately powdered and mixed to form a liquid.

* The peppermint oil is added and the powder is treated with the required amount of water and stirred well.

* The resulting paste is packed in a flexible aluminium or plastic tubes.