



# THROAT PAINT PREPARATION

**Throat Paint Preparation:** Throat Paints are the solution or dispersion of one or more active agents.

- Throat paints are viscous liquid preparations used for mouth and throat infections.
- Glycerin is commonly used as a base because being viscous it adheres to mucous membrane for a long period.
- Glycerin prolongs the action of medicaments.
- Glycerin also provides a sweet taste for preparation.

For example, Boroglycerin, Phenol glycerin throat paint.

**Storage:**

Throat paint should be stored in an airtight container and cool place.

**Labeling:**

FOR EXTERNAL USE ONLY.

Not to be swallowed.

**Formula:**

RX

- Potassium iodide – 2.5 gm
- Iodine – 1.25 gm
- Alcohol – 4 ml
- Water – 2.5 ml
- Peppermint oil – 0.4 ml
- Glycerin – 100 ml



# THROAT PAINT PREPARATION

Dissolve the potassium iodide in water. Add the iodine and stir until completely dissolved. Dissolve peppermint oil in alcohol 90% in a small container and transfer it into an iodine solution.

Transfer paint into a measuring cylinder and make up the volume to q.s.

- Paint is applied with a soft brush.

## Packing:

A wide mouth, fluted, light-resistant, screw cap glass bottle is used and dispensed in the amber-colored bottle.

## Method of Preparation

1. Dissolved potassium iodide in water.
2. Add iodine to concentrated potassium iodide solution to form KI<sub>3</sub>.
3. Dissolve peppermint oil in alcohol (90% v/v).
4. Add alcohol solution to iodine solution.
5. Fill it up with glycerin to the required volume.

## OBSERVATION TABLE :-

INGREDIENTS	REQUIRED QTY
Potassium iodide	2.5gm
Iodine	1.25gm
Alcohol	4 ml
Water	2.5 ml
Peppermint oil	0.5ml
Glycerin	100ml