

Cresol with soap solution

Aim: To prepare and dispense 30ml of cresol with soap solution.

Requirements: Cresol, vegetable oil, potassium hydroxide, purified water, beaker, water bath, measuring cylinder.

Principle: It is also called as Lysol solution. It is used as a disinfectant for floors, table tops, working area and surgical instruments. Cresol is soluble water to the extent of 2% v/v, while in soap solution to the extent of 50% v/v, in this preparation soap prepared in-situ place a role of solubilizing agent, to solubilize more of the cresol.

Procedure:

1. Dissolve potassium hydroxide in 10ml of purified water. Add vegetable oil in this solution.
2. Heat on water bath. Heating is continued until a small portion dissolved in water without the separation of oil phase.
3. Add cresol to the above soap solution mix thoroughly.
4. Add sufficient purified water to make the volume upto 30ml.

Label:

Use: Disinfectant.

Storage: Stored in a well closed container, and kept in cool place.

Direction: For external use only.

Caution: Keep out of reach of children.

Report:

S.no	Ingredients	Official quantity	Required quantity
1.	Cresol	500ml	
2.	Vegetable oil	180ml	
3.	Potassium hydroxide	42gm	
4	Purified water	1000ml	

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NAME:	SEX:
AGE:	REF NO:
DATE OF DESPENSING:	
FOR EXTERNAL USE ONLY	
USE: Disinfectant	
STORAGE: Stored in a well closed container	
CAUTION: Keep out of reach of children	
PRESCRIBED BY:	
DISPENSED BY:	
ADDRESS OF PHARMACY: VNIPS	