

Technical Specification of Hand-Sanitizer

(DEVELOPED BY DEFENCE LABORATORY JODHPUR as per WHO Guideline)

External use only

(A) Materials specification

Formulation 1	Formulation 2
1 Ethanol 96%	1 Isopropyl alcohol 99.8 %
2 Hydrogen peroxide 3%	2 Hydrogen peroxide 3%
3 Glycerol 98 %	3 Glycerol 98 %
4 Distilled water	4 Distilled water

(B) Active ingredient in Hand-sanitizer

Formulation 1	Formulation 2
1 Ethanol 80 % v/v	1 Isopropyl alcohol 75 %v/v
2 Hydrogen peroxide 0.125 % v/v	2 Hydrogen peroxide , 0.125 % v/v
3 Glycerol 1.45 % v/v	3 Glycerol 1.45 % v/v
4 Distilled water	4 Distilled water

Directions

Hand disinfection- apply 3-5 ml, hand safe to clean, dry hands and massage thoroughly into the skin, attention to fingertips and webs the fingers. After 30 seconds, hand safe alcohol evaporates leaving the skin dry and feeling soft and smooth.