

# Popular Hand Sanitizer

## PRESENTATION

Popular Hand Sanitizer 200 ml: Each 100 ml contains 70 ml Isopropyl Alcohol BP.

## DESCRIPTION

Isopropyl alcohol also known as isopropanol or IPA, is the most common and widely used disinfectant within pharmaceuticals, hospitals, cleanrooms, and electronics or medical device manufacturing. It is a colorless, flammable chemical compound with a strong odor. 70% Isopropyl Alcohol is generally more effective at killing microorganisms and better tolerated than soap and water.

## INDICATIONS

Popular Hand Sanitizer is a generally used to decrease infectious agents on the hands and is the most commonly used disinfectant in pharmaceutical industries. The important thing is that only 70% solution of isopropyl alcohol acts as a disinfectant killing all surface microorganisms. It is used to disinfect hands and equipment surface in pharmaceuticals.

## MECHANISM OF ACTION

70 % isopropyl alcohol solution kills microorganisms by dissolving plasma membrane of the cell wall.

## METHOD OF ADMINISTRATION

Alcohol-based hand sanitizer is more convenient compared to hand washing with soap and water in most situations in the healthcare setting. It is generally more effective at killing microorganisms and better tolerated than soap and water. Alcohol-based hand sanitizer is recommended only if soap and water are not available. Using guideline is given bellow;

1. Apply product to the palm of one hand.
2. Rub hands together.
3. Rub the product over all surfaces of hands and fingers until hands are dry.

## CONTRAINDICATIONS

Isopropyl Alcohol is contraindicated in patients with known Hypersensitivity.

## WARNINGS & PRECAUTIONS

Isopropyl Alcohol is highly flammable in the presence of heat, sparks, or an open flame. When handling isopropyl alcohol in a work environment (to best to avoid any contact with skin) protective clothing should be always be worn, including safety gloves and goggles.

Isopropyl alcohol should be kept away from heat, sparks, flames and other sources of ignition, as well as strong oxidizers, acetaldehyde, chlorine, ethylene oxide, acids, and isocyanates. A flammable safety cabinet is the best storage option.

## SIDE EFFECTS

Inhaling large amounts of isopropyl alcohol can cause nausea, vomiting, irritation of the nose and mucous membranes, throat irritations, and even difficulty with breathing as coughing can occur making it difficult for you to catch your breath. Isopropyl alcohol may cause burning, stinging, or a cold feeling where the medicine is applied.

**PHARMACEUTICALS PRECAUTIONS**

Isopropyl alcohol should be stored in a tightly closed container in a cool & dry place, protected from light, well-ventilated area. Due to the chemical's extreme flammability, it must be kept away from all possible ignition sources, including heat, sparks, and flames. Keep out of reach of children.

**COMMERCIAL PACKS**

Popular Hand Sanitizer 200 ml: Each bottle contains 200 ml.

Manufactured by:



POPULAR PHARMACEUTICALS LTD  
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