

TECHNICAL DATA SHEET

Thuleka Hand Sanitizer 70%

1. Product Description

Thuleka Hand Sanitizer 70% is an alcohol-based hand sanitizing gel formulated to kill 99.9% of germs and bacteria. It contains 70% ethanol, as recommended by health authorities, for effective disinfection. The non-sticky formula includes moisturisers to prevent dryness, making it ideal for frequent use in homes, workplaces, medical facilities, and public spaces.

2. Applications

- Rapid hand disinfection without water
- Suitable for use in healthcare, food service, retail, education, and office environments
- Ideal for dispensers, pump bottles, and personal-use containers

3. Product Features

- Contains 70% ethanol (v/v) — effective against viruses, bacteria, and fungi
- Fast-drying, non-sticky formula
- Includes glycerin to keep hands moisturised
- No rinsing required
- Leaves a clean, fresh feeling

4. Typical Properties

Property	Specification
Appearance	Clear, low-viscosity gel
Odour	Alcoholic with mild fragrance
pH (approx.)	6.0 – 8.0
Alcohol Content	70% v/v Ethanol
Density (25°C)	0.86 – 0.89 g/cm ³
Solubility	Completely water-soluble



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5. Directions for Use

1. Apply a sufficient amount of sanitizer to the palm of one hand.
2. Rub hands together, covering all surfaces including fingers and under nails, until dry.
3. Do not rinse or wipe off before drying.

Note: For external use only.
Do not apply to broken or irritated skin.

6. Storage & Handling

- Store in a cool, well-ventilated area away from direct sunlight
- Keep away from heat sources, sparks, open flames, and hot surfaces
- Keep containers tightly closed when not in use
- Flammable — store away from oxidising agents and incompatible materials
- Keep out of reach of children

7. Packaging

Available in:

- 100ml, 250ml, and 500ml squeeze or pump bottles
- 1L and 5L refill containers
- Bulk packaging (25L, 200L) available on request

8. Safety & First Aid

- **Eye Contact:** Rinse cautiously with clean water for several minutes; seek medical advice if irritation persists
- **Skin Contact:** Safe for intended use; discontinue if irritation develops
- **Ingestion:** Do not induce vomiting; seek medical attention immediately
- **Inhalation (excessive exposure):** Move to fresh air and seek medical help if symptoms occur



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