

## **Technical Data Sheet (TDS) & Safety Data Sheet (SDS)**

Product Name: **UniCavi Spray**

Type: **Surface Disinfectant Spray**

Manufacture: **Unified Natural Sterilization For Trade and Industry UNS**

Address: **Cairo-Egypt Industrial Area Helwan.**

### **Product Description**

UniCavi Spray is a ready-to-use surface disinfectant combining the rapid action of alcohols with the long-lasting efficacy of quaternary ammonium compounds. The dual-action formulation ensures high effectiveness against bacteria, fungi, and viruses, making it ideal for use in medical, institutional, and household settings.

### **Composition (average values)**

<b>Ingredient</b>	<b>Concentration</b>
<b>Alcohols (Ethanol &amp; Isopropanol)</b>	<b>~20–24%</b>
<b>Didecyldimethylammonium chloride (DDAC)</b>	<b>~0.7–0.8%</b>
<b>Excipients &amp; Stabilizers</b>	<b>balance to 100%</b>

### **Applications**

- Rapid disinfection of hard, non-porous surfaces
- Suitable for hospitals, Dental clinics, laboratories, schools, offices, households, and food-processing areas
- Ideal for countertops, door handles, work surfaces, and medical equipment exteriors

### **Microbiological Efficacy**

- Bactericidal: Effective against Gram-positive & Gram-negative bacteria (1 min)
- Fungicidal: Effective against common yeasts and molds (1 min)
- Virucidal:
  - Enveloped viruses (Influenza, Coronaviruses, HBV, HIV) → 1 min
  - Adenovirus → 3 min contact time

### **Technical Properties**

- Appearance: Clear liquid
- Odor: Mild alcohol
- pH: Neutral (6–8)

- Solubility: Completely soluble in water
- Flammability: Non-flammable at working concentration

#### **. Hazards Identification (GHS Classification)**

- Eye Irritation: Category 2
- Skin Irritation: Category 3 (mild)
- Signal Word: Warning
- Hazard Statements:
  - H319: Causes serious eye irritation
  - H315: Causes mild skin irritation
- Precautionary Statements:
  - P264: Wash hands thoroughly after handling
  - P280: Wear protective gloves/eye protection
  - P305+P351+P338: If in eyes, rinse cautiously with water for several minutes

#### **First Aid Measures**

- Eye Contact: Rinse cautiously with water for several minutes; seek medical advice if irritation persists.
- Skin Contact: Wash with soap and water.
- Ingestion: Do not induce vomiting; rinse mouth; seek medical attention.
- Inhalation: Move to fresh air if irritation occurs.

#### **. Firefighting Measures**

- Not classified as highly flammable at working concentration.
- Use water spray, foam, or CO<sub>2</sub> for fire involving packaging.

#### **Safety & Handling**

- Avoid contact with eyes and skin.
- Do not ingest.
- Keep away from children.
- Store in a cool, dry place, away from direct sunlight.
- Safety Data Sheet (SDS) available on request.

#### **Packaging**

- 1 L spray bottle Code 3054**

#### **Contact Info:**

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