

# SAFETY DATA SHEET (SDS)

Cydal+ Alcohol Swab

**NUR JAYA MEDIC SDN. BHD.**

No. 2 & 2A, Lorong Industri Ringan Permatang Tinggi 12, Taman Industri Ringan Permatang Tinggi, 14100  
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## SECTION I: PRODUCT IDENTIFICATION

### PRODUCT

**Product Trade Name** : Cydal+ Alcohol Swab  
**Chemical Name and Synonyms** : Isopropyl Alcohol  
**Chemical Formula** : CH<sub>3</sub>CHOHCH<sub>3</sub>  
**Emergency Telephone No.** : BOMBA HOTLINE : 999  
BOMBA TOLLFREE : 1800 888 994

## SECTION 2: HAZARDS IDENTIFICATION

Classification in accordance with paragraph (d) of 29 CFR 1910.1200.

**Flammable Liquids** : Category 2  
**Serious Eye Damage** : Category 2A  
**GHS Label Elements Symbol(s)**



**Material Name** : Cydal+ Alcohol Swab  
**Signal Word** : Danger  
**Hazard Statement(s)** : Highly flammable liquid and Vapour causes serious eye irritation

### Precautionary Statement

**Prevention** Keep away from heat/sparks/open Flame/ hot surfaces.  
Avoid breathing dust/fume/gas/mist/vapors/spray.  
Keep container tightly closed.  
Take precautionary measures against static discharge.

### **Response**

Wash thoroughly after handling  
Call a poison centre/doctor/ if you feel unwell.  
If eye irritation persists. Get medical advice/attention  
If in eyes: Rinse cautiously with water for several minutes  
If on skin: Take off immediately all contaminated clothing.  
Rinse skin with water/shower.  
In case of fire: Use fire extinguisher to extinguish  
Wash contaminated clothing before reuse.

### SECTION 3: INGREDIENTS

CAS No.	Ingredient Name	Weight, %
67-63-0	Isopropyl Alcohol	50-75

Occupational exposure limits, if available, are listed in Section 8.

### SECTION 4: FIRST-AID MEASURES

- General Advice** : Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
- Eye Contact** : Flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Tilt head to avoid contaminating unaffected eye. Get immediate medical attention.
- Skin Contact** : Immediately flush skin with plenty of water while removing contaminated clothing and shoes. Do not reuse clothing or shoes until cleaned. If irritation develops or persists, get medical attention. Wash with soap and water. Do not apply oils or ointments unless ordered by the physician.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if discomfort continues or if you feel unwell.
- Ingestion** : If swallowed, call a physician immediately. Rinse mouth and throat thoroughly with water. Do not induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs.

### SECTION 5: FIRE FIGHTING MEASURES

- Suitable Extinguishing Media** : In case of fire, use Water spray, Carbon Dioxide (CO<sub>2</sub>), Foam, Dry Chemical
- Unsuitable Extinguishing Media** : N.D.
- Unusual Fire and Explosion Hazards** : N.D.
- Special Fire Fighting Procedures** : N.D.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

- Flammable Small Spill** : Absorb with an inert dry material and place in an appropriate waste disposal container.

**Flammable Large Spill**

: Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with dry earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed.

<b>SECTION 7: HANDLING AND STORAGE</b>
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**Handling Flammable**

: Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/ fumes/ vapor/ spray. Avoid contact with eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingesting, seek medical advice immediately and show the container or the label. Keep away from the incompatible such as oxidizing agent, acids.

**Storage Flammable**

: Store in segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly and sealed until ready for use. Avoid all possible sources of ignition (sparks or flame).

<b>SECTION 8: EXPOSURE CONTROLS / PERSONAL</b>
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Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Isopropyl alcohol	TWA: 200 ppm STEL: 400 ppm	TWA: 400 ppm STEL: 500 ppm	N/A

**Personal Protective Equipment** : Goggles, Gloves

**Engineering Controls** : No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety.

**Respiratory Protection** : None required under normal use conditions.  
**Skin Protection** : None required for normal use. For prolonged exposure, use appropriate goggles, protective clothing and gloves.

**Eye Protection** : None required for normal use. For prolonged exposure, use appropriate goggles, protective clothing and gloves.

**Other protective equipment** : Not expected to be necessary under normal conditions of use. Where exposure cannot be adequately controlled, use appropriate protective clothing or equipment.

**Work/hygienic practices** : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.

<b>SECTION 9: PHYSICAL AND CHEMICAL</b>
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<b>Physical State</b>	: Individually sealed Alcohol Swab
<b>Boiling Point</b>	: 80.2 deg C
<b>Vapour Pressure (mmHg)</b>	: 33mmHg@20 Deg C
<b>Vapour Density</b>	: 2.1
<b>Specific Gravity</b>	: 0.8405
<b>Melting Point</b>	: -31.5 deg C

**Solubility in Water** : Complete  
**Appearance and Odor** : White non-woven cloth saturated with Alcohol solution. Alcohol odor  
**Flash point** : 77 degrees F  
**Evaporation rate** : 2.3

### SECTION 10: STABILITY AND REACTIVITY

**Stability** : Stable  
**Incompatibility (Materials to Avoid)** : None Known  
**Hazardous Polymerization** : Will Not Occur

### SECTION 11: TOXICOLOGICAL INFORMATION

**Acute Toxicity: Eye Contact** : Contact may cause temporary moderate irritation  
**Acute Toxicity: Skin Contact** : May cause mild irritation on patients with sensitive skin  
**Acute Toxicity: Inhalation** : N/A  
**Acute Toxicity: Ingestion** : May be harmful if swallowed  
**Carcinogenicity:** : None known  
**Chronic Toxicity:** : None known

### SECTION 12: ECOLOGICAL INFORMATION

**Toxicity** : N.D.  
**Persistence and degradability** : N.D.  
**Bioaccumulative potential** : N.D.  
**Mobility in soil** : N.D.  
**Other adverse effects** : N.D.

### SECTION 13: DISPOSAL

**Waste Disposal** : Waste must be disposed of in accordance with federal, state and local environmental control regulations.

### SECTION 14: TRANSPORT INFORMATION

**Product Class** Consumer Commodity, ORM-D  
**UN Number** 1219, Class 3, Packing Group 2

### SECTION 15: REGULATORY INFORMATION

**Hazardous Components** OSHA ACGIH  
**Isopropanol: (CAS No.67-63-0)** 400ppm 400ppm  
**NFPA** Health=1 Flammability=3 Reactivity=0

## SECTION 16: OTHER INFORMATION

**Training advice**

: Only trained personnel should use this material.

**Revision date**

: 10<sup>th</sup> April 2023

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