



Safety Data Sheet (SDS)

SECTION 1: IDENTIFICATION

- **Product Identifier:** CAPS IPA Hand Sanitizer
- **Recommended Use:** Hand hygiene and antimicrobial
- **Restrictions on Use:** For external use only. Not for ingestion or eye contact.
- **Manufacturer/Supplier:** Caribbean Aerosol and Packaging Solutions
- **Address:** 45 Taylor Street, Marabella, Trinidad and Tobago
- **Phone Number:** 1-868-265-7061
- **Email:** capsclancaribbean@gmail.com

SECTION 2: HAZARD(S) IDENTIFICATION

Classification (GHS-US):

- Flammable Liquids: Category 2
- Eye Irritation: Category 2B
- Specific Target Organ Toxicity (Single Exposure): Category 3, Narcosis

GHS Label Elements:

Signal Word: WARNING

Hazard Statements:

H226: Flammable liquid and vapor

H319: Causes serious eye irritation

H336: May cause drowsiness or dizziness

Precautionary Statements:

Prevention:

P210: Keep away from heat, sparks, open flames, hot surfaces. No smoking

P233: Keep container tightly closed

P261: Avoid breathing vapors

P280: Wear protective gloves/eye protection

Response:

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing

P305+P351+P338: IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337+P313: If eye irritation persists: Get medical advice/attention

Storage: P403+P235: Store in a well-ventilated place. Keep cool

Disposal: P501: Dispose of contents/container per local regulations

NFPA Rating:

Health	Flammability	Reactivity	Special
2	3	0	

HMIS Rating: Health: 2 | Flammability: 3 | Reactivity: 0 | PPE: B

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight %	GHS Classification
Isopropanol	67-63-0	70	Flam. Liq. 2 (H226), Eye Irrit. 2B (H319), STOT SE 3 (H336)
Glycerin	56-81-5	1	Not Hazardous
Water	7732-18-5	29	Not Hazardous

No other hazardous ingredients present above 1%.

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures:

- **General:** Seek medical attention if symptoms persist.
- **Inhalation:** Remove to fresh air. If breathing is difficult, give oxygen. Call a doctor if dizziness persists.
- **Skin Contact:** Wash with soap and water. Remove contaminated clothing.

- **Eye Contact:** Rinse cautiously with water for 15 minutes. Remove contact lenses, if present. Continue rinsing. If irritation persists, call a doctor.
- **Ingestion:** Rinse mouth. Do NOT induce vomiting. Give water to drink. Call a POISON CENTER/doctor immediately.

Most Important Symptoms and Effects: Eye redness/irritation, drowsiness, dizziness, headache.

Indication of Immediate Medical Attention: Immediate medical attention for ingestion or persistent symptoms.

Notes to Physician: Treat symptomatically. Monitor for central nervous system depression if large amounts ingested.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media:

- Suitable: Water spray, foam, CO₂, dry chemical.
- Unsuitable: Water jet (may spread fire).

Specific Hazards Arising from the Chemical: Flammable liquid and vapor. Vapors heavier than air; may travel to ignition source.

Special Protective Equipment for Firefighters: Wear self-contained breathing apparatus and full protective gear. Cool containers with water spray.

Firefighting Instructions: Remove ignition sources. Prevent runoff from entering drains.

Flash Point: 18°C (Closed Cup)

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Evacuate area. Eliminate ignition sources. Wear PPE (gloves, goggles). Ventilate.

Environmental Precautions: Prevent entry into waterways.

Methods for Containment: Absorb with inert material (sand/vermiculite).

Methods for Cleanup: Absorb spill with non-combustible absorbent. Collect in containers for disposal. Ventilate area. Wash residue with soap/water.

Reference to Other Sections: See Section 7 for safe handling; Section 13 for disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling: Use in well-ventilated area. Avoid contact with eyes. Avoid breathing vapors. Keep away from ignition sources. Wash hands after use. No smoking.

Conditions for Safe Storage: Store in cool, ventilated area (<77°F/25°C). Keep away from ignition sources and oxidizers. Keep container tightly closed.

Incompatible Materials: Strong oxidizers, open flames, heat.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isopropanol	TWA: 200 ppm	TWA: 400 ppm	2000 ppm

Engineering Controls: Local exhaust ventilation. Eyewash station required.

Personal Protective Equipment (PPE):

- **Eyes:** Safety glasses with side shields.
 - **Skin:** Nitrile gloves.
 - **Respiratory:** Use if TLV exceeded or poor ventilation.
 - **Hygiene:** Wash hands before breaks/eating.
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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Clear colorless liquid
Odor	Alcohol
pH	6.0-7.0
Melting/Freezing Point	-89°C
Boiling Point	82°C
Flash Point	18°C (Closed Cup)
Evaporation Rate	2.8 (Butyl Acetate = 1)
Flammability	Flammable
Specific Gravity	0.87
Solubility in Water	Complete
Vapor Pressure @ 20°C	44 mmHg

Property	Value
VOC Content	70%

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Stable under normal conditions.

Chemical Stability: Stable.

Possibility of Hazardous Reactions: None under normal conditions.

Conditions to Avoid: Ignition sources, heat.

Incompatible Materials: Strong oxidizers.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide (if burned).

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity:

- Oral LD50 (Rat): 5,045 mg/kg (Isopropanol)
- Dermal LD50 (Rabbit): 12,800 mg/kg
- Inhalation LC50 (Rat): 12,000 ppm/8h

Symptoms:

- Skin: Mild irritation.
- Eye: Redness, pain.
- Inhalation: Drowsiness, dizziness, headache.
- Ingestion: Nausea, vomiting, abdominal pain.

Chronic Effects: None known.

Carcinogenicity: Not listed by IARC/NTP/OSHA.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

- LC50 (Fish, 96h): 9,640 mg/L (Isopropanol)
- EC50 (Algae, 72h): 2,000 mg/L

Persistence/Degradability: Readily biodegradable.

Bioaccumulative Potential: Low (Log Kow = 0.05).

Mobility in Soil: High.

Other Adverse Effects: Minimal environmental impact when used as directed.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods: Dilute with water (1:10) and flush to sewer per local regulations.

Contaminated Packaging: Triple rinse; recycle if permitted.

EPA Waste Number: Not regulated.

SECTION 14: TRANSPORT INFORMATION

Mode	UN Number	Proper Shipping Name	Hazard Class	Packing Group
DOT	UN 1219	Isopropanol Solution	3	II
IMDG	UN 1219	Isopropanol Solution	3	II
IATA	UN 1219	Isopropanol Solution	3	II

Environmental Hazards: Not a marine pollutant.

SECTION 15: REGULATORY INFORMATION

US Federal Regulations:

- SARA 313: Not reportable.
- CERCLA RQ: 5,000 lbs (Isopropanol).
- TSCA: All components listed.
- FDA: OTC Monograph compliant for hand sanitizers.

State Regulations:

- California Prop 65: Not listed.

International Regulations:

- WHMIS (Canada): B2, D2B.
 - EU REACH: Registered.
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SECTION 16: OTHER INFORMATION

Revision Date: October 18, 2025

Full Text of H-Phrases: H226: Flammable liquid and vapor H319: Causes serious eye irritation
H336: May cause drowsiness or dizziness

NFPA/HMIS Legend: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe

Disclaimer: This SDS complies with OSHA 29 CFR 1910.1200 and GHS. Information is based on standard IPA hand sanitizer properties