

## MATERIAL SAFETY DATA SHEET

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**Product: PrimeOn<sup>®</sup> Hand Sanitiser**

Product Code: HSN05BT - 500ml Plastic Pump w/Dispenser Bottle

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product name :** PrimeOn<sup>®</sup> HAND SANITISER

**Uses** PrimeOn<sup>®</sup> Hand Sanitiser is used to clean hands and eliminate bacteria in preparation for, or after clinical or surgical procedures. It is to be used when hands are not visibly soiled

Contact Information	Organisation	Location	Telephone
	Mun Australia Pty Ltd	Suite 305, 51 Rawson St Epping, NSW, 2121 Australia	+61 2 9868 7708
	Poisons Information Centre (24 hour, 7 days a week) in an emergency :		13 11 26
	Chemcall 24 Hour Emergency Number (Australia)		1800 127 406

### 2. HAZARDS IDENTIFICATION

**Hazard:** Classified as hazardous according to criteria of NOHSC.

**Classification:** DANGEROUS GOODS 3.1.

**Risk Phrase(s):** R11 Highly flammable.  
R36 Irritating to eyes.  
R67 Vapours may cause drowsiness and dizziness.

**Safety Phrase(s):** S16 Keep away from sources of ignition – No smoking.  
S24/25 Avoid contact with skin and eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S7 Keep container tightly closed.

**Environmental Hazards:** Non-hazardous.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Composition</u>	<u>CAS No.</u>	<u>Proportion</u>
Ethanol	64-17-5	> 60% v/v

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Isopropyl alcohol

67-63-0

< 5% v/v

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### 4. FIRST AID MEASURES

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**Treatment for eye contact:** Flush with water for 15 minutes. If condition worsens or irritation persists, seek medical attention.

**Treatment for skin contact:** Wash skin with soap and water. In case of allergic reactions seek medical attention.

**Treatment for inhalation (breathing):** Move to fresh air. If irritation persists, seek medical attention.

**Treatment for ingestion (swallowing):** Give large amount of water. Induce vomiting in a conscious person by giving syrup of Ipecac, if available. If symptoms persist, seek medical attention.

**First Aid Facilities:** Rubber or plastic gloves should be used when handling.

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### 5. FIRE FIGHTING MEASURES

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**Suitable extinguishing media:** Carbon dioxide, dry chemical, foam.

**Forbidden extinguishing media:** Not determined.

**Special firefighting measures:** None known.

**Unusual fire and explosion hazards:** None.

**Special protection equipment:** Sealed overall.

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### 6. ACCIDENTAL RELEASE MEASURES

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**Personal Precautions:** Follow recommended precautions listed in other sections.

**Environmental Precautions:** Material should not be allowed to drain into sewers.

**Reclaiming Methods:** Waste resulting from the use of this product must be disposed of in accordance with local regulations.

**Containment and clean up procedures:** Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers for disposal.

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### 7. HANDLING AND STORAGE

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**Handling Precautions:** Ensure containers are tightly closed, upright and stored in a cool area.

**Precautions in case of Fire and Explosion:** Extinguish all ignition sources.

**Storage Conditions:** Store at ambient temperature. Avoid freezing conditions.

**Suggested container(s):** Original sealed containers provided by manufacturer.

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**Indication for Combined Storage:** Avoid contact with oxidising agents.

**Environmental precautions:** Do not allow product to reach sewers and rivers.

**Other Precautions:** Keep out of reach of children. Do not ingest. Avoid eye contact and contamination of food. Use according to directions on direct container.

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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**Respiratory protection:** None required under normal conditions of use.

**Hand protection:** Rubber, latex or PVC gloves.

**Eye protection:** Safety glasses, goggles or face shield.

**General safety and hygiene measures:** Follow good housekeeping practices and good industrial hygiene in handling this material.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Appearance:** Clear, colourless solution.

**Odour:** Characteristic alcohol odour.

**pH:** Not applicable.

**Boiling point:** Approx. 78 °C (ethanol).

**Vapour Pressure:** Ethanol = 44mm Hg at 20°C;  
Isopropyl Alcohol = 33mm Hg at 20°C.

**Flammability:** 19% in air (upper);  
3.5% in air (lower).

**Specific gravity:** Approx. 0.80 g/ml.

**Solubility:** 100% in water.

**Vapour density (air = 1):** Similar to water.

**Evaporation rate (n-butane = 1):** Not available.

**Other Properties:** Used as a solvent and cleaning solution as well as industrial applications.

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### 10. STABILITY AND REACTIVITY

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**Stability:** Stable under normal conditions.

**Conditions to avoid:** Keep away from sources of ignition – No smoking.

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**Materials to avoid:** None.

**Hazardous decomposition products:** No data available.

**Hazardous reactivity (polymerization):** Does not occur.

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### 11. TOXICOLOGICAL INFORMATION

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#### *Acute*

**Swallowed:** Low toxicity unless swallowed in large amounts. If a minor amount has been accidentally swallowed, then if conscious, give large amounts of water.

If swallowed in large amounts, effects may include excitation, euphoria, headache, dizziness, drowsiness, blurred vision, fatigue, tremors, convulsions, loss of consciousness, coma, respiratory arrest and death, including optical nerve (visual) damage. Severe acute intoxication may cause hypoglycaemia, hypothermia and extensor rigidity. Other effects may include decreased blood pressure, vomiting blood and blood changes.

**Eye:** The vapour is irritating to the eyes. Liquid and mists may severely irritate or damage the eyes.

**Skin:** Moderately irritating to the skin. Brief contact may cause redness. Repeated or prolonged contact may lead to dermatitis with redness, itching, swelling and possible secondary infection. A small proportion of people exposed to repeated skin contact may develop an allergic skin reaction.

**Inhaled:** Moderately irritating to the respiratory tract and mucous membrane. Inhalation of the vapour may result in headaches, nausea and vomiting. High concentrations may cause central nervous system symptoms similar to "swallowed" above.

**Chronic:** Chronic intoxication by swallowing or repeated inhalation, may cause degenerative changes in the liver, kidneys, hair, gastrointestinal tract and heart muscle.

**Special Toxic Effects:** Persons with pre-existing liver impairment, skin and respiratory disorders may be at risk from exposure. Ethanol may also cause adverse reproductive effects. Concurrent absorption of ethanol and some drugs may cause adverse health effects.

*No acute or chronic toxic effects expected when used according to directions.*

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### 12. ECOLOGICAL INFORMATION

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This product has not known ecological hazardous effects.

**Eco-toxicity:** Not available.

**Mobility:** Not available.

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**Persistence and degradability:** Not available.

**Bioaccumulative potential:** Not available.

**Results of PBT (Persistent Bio-Toxicity) assessment:** Not available.

**Other adverse effects:** Not available.

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### 13. DISPOSAL CONSIDERATIONS

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**Disposal:** Characteristic hazardous waste-flammable liquid. Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility.

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### 14. TRANSPORT INFORMATION

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**U.N. Number :** 1987

**Dangerous Goods Class:** 3.1

**Hazchem Code:** 2[Y] E

**Subsidiary Risk:** Not applicable.

**CAS Number:** 64-17-5

**Pack. Group.:** II

This product is not considered to be a dangerous good within the meaning of transportation regulations.

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### 15. REGULATORY INFORMATION

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**Poisons Schedule:** Not Applicable.

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### 16. OTHER INFORMATION

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Product is considered safe if used as intended. Do not allow smoking in areas where Alcohol 95/5 is handled or stored. Product is intended for Professional Dental or Medical Use only.

This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. No warranty, either expressed or implied, is made with respect to the information or the product to which the information refers. Each user must review this MSDS in the context of how the product will be handled and used in the workplace