



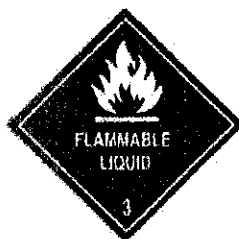
## SAFETY DATA SHEET

**Product Name** *Sanitizing Hand Gel*

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** *Sanitizing Hand Gel*  
**Recommended use:** *Sanitizing Hand Gel*  
**Company Details:** Esko Ltd  
**Address:** 56 Hurlstone Drive  
New Plymouth NZ  
**Telephone Number:** 0800 500 470  
**Emergency Telephone Number:** National Poison Information Centre 0800 764 766  
**Date of Preparation:** 01/06/2017

### 2. HAZARD IDENTIFICATION



**HSNO Hazard Classification:** 3.1B, 6.4A, 9.1D

**Hazard Statement:**

Highly flammable liquid and vapour.  
Causes eye irritation.  
Toxic to aquatic life.

**Prevention Statements:**

- Read label before use.
- Read Safety Data Sheet before use.
- Keep away from heat/sparks/open flames/hot surfaces.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical/ventilating/lighting/equipment.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Wash hands thoroughly after handling.
- Avoid release into environment.
- Wear protective gloves and eye/face protection.

**Response Statement:**

- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing.
- If eye irritation persists: Get medical advice/ attention.
- In case of fire: Use foam or water mist (Small fires: carbon dioxide, dry chemical, sand) for extinction.



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Once pick-up is complete, flush spill site with plenty of water to eliminate any residue. Hold contaminated water for treatment/disposal.

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## 7. HANDLING AND STORAGE

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### Precautions for Safe Handling:

Wear appropriate personal protective equipment and clothing to prevent exposure. Handle and use the material in a well-ventilated area, away from sparks, flames and other ignition sources. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Work from suitable, labelled, fire resistant containers. Open containers carefully as they may be under pressure. Keep containers tightly closed. Flameproof equipment is necessary in areas where the product is being used. Take precautionary measure against static discharges. Earth or bon all equipment. Do not empty into drains. Ensure a high level of personal hygiene is maintained when using this product, that is, always wash hands before eating, drinking, smoking or using toilet facilities. Avoid exposure. Do not handle until safety precautions have been read and understood. It is recommended that pregnant or breastfeeding women should not handle this product unless adequate exposure protection can be assured at all times. Female personnel planning pregnancy should be made aware of the potential risks.

### Conditions for safe storage, including any incompatibilities:

Store in a cool, dry, well-ventilated area away from sources of ignition, Oxidising agents, strong acids, foodstuffs and clothing. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity charges. Use proper grounding procedures. Ensure that storage conditions comply with applicable local and national regulations.

For information on the design of the storeroom, reference should be made to Australian Standard AS1940 – The storage and handling of flammable and combustible liquids. References should also be made to all applicable local and national regulations.

### Recommended Materials

For containers, or container lining use mild steel, stainless steel. For container paints, use epoxy paint, zinc silicate paint.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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### Exposure Standards:

The Occupational Safety and Health Service, NZ Department of Labour have set no Tolerable Exposure Limit (TEL) Workplace Exposure Standards (WES) for this substance.

For Ethanol: New Zealand WES (Ethanol) TWA= 1000 ppm

### Engineering Controls:

The use of local exhaust ventilation (Flame Proof) is recommended to control process emissions near the source. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion proof ventilation equipment

### PERSONAL PROTECTIVE EQUIPMENT:

#### Respiratory Protection:

Where concentration in air may exceed the limits described in the National Exposure Standards, it is recommended to use a half face filter mask to protect from overexposure by inhalation. A type "A" filter material is considered suitable for this product.

#### Eye Protection:

Always use safety glasses or a face shield when handling this product.

#### Skin/Body Protection:

Always wear long sleeves and long trousers or coveralls, enclosed footwear or safety boots and chemical resistant gloves when manufacturing this product.



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### 13. DISPOSAL CONSIDERATIONS

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#### Disposal Methods:

Dispose of waste according to applicable local and national regulations. Labels should not be removed from containers until they have been cleaned. Advise flammable nature.

Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities. Packaging may still contain fumes and vapours that are flammable and harmful.

#### Special precautions for landfill or incineration:

This product is not suitable for disposal by either landfill or via municipal sewers, drain, natural streams or rivers. This product is ash less and can be burned directly in appropriate equipment.

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### 14. TRANSPORT INFORMATION

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#### Road and Rail Transport:

Classified as Dangerous Goods by the criteria of New Zealand Dangerous Goods Code for transport by road and rail

#### Marine Transport:

Classified as Dangerous Goods by the criteria of international Maritime Dangerous Goods Code for transport by sea.

#### Air Transport:

Classified as Dangerous Goods by the criteria of international Air Association Dangerous Goods Regulations for transport by air



Shipping Name:	ETHANOL
Hazard Class:	3
UN Number:	UN 1170
Packing Group:	II
Hazchem Code:	2(S)E

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### 15. REGULATORY INFORMATION

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HSNO Approval No:	HSR002528
Group Standard:	Cleaning Products (Flammable) Group Standard 2006
HSNO Classification:	3.1B, 6.4A, 9.1D