

# SAFETY DATA SHEET

**Product Name** UniSOL INSTANT HAND SANITISER

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: UniSOL  
Other Name: Instant Hand Sanitiser  
Recommended Use: Hand Sanitiser  
Company Identification: Arrow Hygiene  
Address: 22 Cornish St, Petone  
Lower Hutt  
Ph: (04) 587 1900  
Emergency 0800 243 622  
Synonym(s) 5L  
Use(s) INSTANT HAND SANITISER (Not Potable) HS CODE : 38089400  
SDS Date 20 September 2019

## 2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO HAZARDOUS SUBSTANCES [CLASSIFICATION] REGULATIONS 2001

### HSNO CLASSIFICATION

3.1C Flammable liquid – medium hazard  
6.4A Substances that are irritating to the eye

CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO LAND TRANSPORT RULE: DANGEROUS GOODS 2005; NZS 5433:2007, UN, IMDG OR IATA

UN No. 1170                      DG Class 3                      Subsidiary Risk(s)  
Packing Group 3                      Hazchem Code 2YE                      EPG

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS NO.	Content
Water	7732-18-5	≥28.0%
Alcohol	64-17-5	70.0%
Thickner Agent	9004-65-3	< 1.0%
Glycerine	8043-29-6	< 1.0%

## 4. FIRST AID MEASURES

**Eye** If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre on 0800 764 766 (0800 POISON) OR +643 479 7248 (New Zealand) or a doctor, or for at least 15 minutes.

**Inhalation** If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

**Skin** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

**Ingestion** For advice, contact a Poisons Information Centre on 0800 764 766 (0800 POISONS) or +643 479 7248 (New Zealand) or a doctor (at once). If swallowed, do not induce vomiting.

**Advice to Doctor** Treat symptomatically.

**Product Name UniSOL INSTANT HAND SANITISER****5. FIRE FIGHTING MEASURES**

<b>Flammability</b>	Flammable, Burns with invisible flame.
<b>Fire and Explosion</b>	Treat as per requirements for Surrounding Fires: Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.
<b>Extinguishing</b>	Prevent contamination of drains or waterways.
<b>Hazchem Code</b>	2YE

**6. ACCIDENTAL RELEASE MEASURES**

<b>Spillage</b>	Use personal protective equipment. Contain spillage, then cover/absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. CAUTION: Spill site may be slippery.
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**7. STORAGE AND HANDLING**

<b>Storage</b>	No special requirements for the storage of this product.
<b>Handling</b>	Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Stds**

Ingredient	Reference	TWA		STEL	
		ppm	mg/m3	ppm	mg/m3

<b>Engineering Controls</b>	Avoid inhalation. Use in well ventilated areas.
<b>PPE</b>	Personal Protective Equipment is not required under normal conditions of use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Clear, mobile liquid gel	<b>Solubility (Water)</b>	Soluble
<b>Odour</b>	Alcohol Odour	<b>Specific Gravity</b>	@ 25°C 0.84 – 0.89
<b>pH</b>	6.75 – 7.8	<b>% Volatiles</b>	
<b>Vapour Pressure</b>	NOT AVAILABLE	<b>Flammability</b>	FLAMMABLE
<b>Vapour Density</b>	NOT AVAILABLE	<b>Flash Point</b>	24°C
<b>Boiling Point</b>	78°C	<b>Upper Explosion Limit</b>	
<b>Melting Point</b>	<0°C	<b>Lower Explosion Limit</b>	
<b>Evaporation Rate</b>	1.4		

**10. STABILITY AND REACTIVITY**

<b>Chemical Stability</b>	Stable under recommended conditions of storage.
<b>Conditions to Avoid</b>	Avoid mixing with other chemicals and bleach.
<b>Material to Avoid</b>	Compatible with most commonly used materials.
<b>Hazardous Decomposition Products</b>	May evolve toxic gases if heated to decomposition.
<b>Polymerization</b>	Polymerization will not occur.

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### 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms of effects that may arise if the product is mishandled and overexposure occurs are:

- Ingestion:** Swallowing may result in irritation of the gastrointestinal tract
- Eye contact:** An eye irritant. Contamination of eye can result in permanent injury
- Skin contact:** No irritation usually occurs when used correctly
- Inhalation:** No hazardous reactions when stored and handled correctly
- Long Term Effect:** No Information available for the Product

### 12. ECOLOGICAL INFORMATION

**Environment** This product is not anticipated to cause adverse effects to animal or plant life if released to the environment in small quantities. Not expected to bioaccumulate.

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal** For small amounts absorb with sand, vermiculite or similar and dispose of to an approved landfill site. Contact the manufacturer for additional information. If larger amounts are involved. prevent contamination of drains and waterways as aquatic life may be threatened and environmental damage may result.

**Legislation** Disposal of in accordance with relevant local legislation.

### 14. TRANSPORT INFORMATION

CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO LAND TRANSPORT RULE: DANGEROUS GOODS 2005: NZS 5433:2007, UN, IMDG OR IATA

Shipping Name	ETHYL ALCOHOL			
UN No.	1170	DG Class	3	Subsidiary Risk(s)
Packing Group	2	Hazchem Code	2YE	EPG



### 15. REGULATORY INFORMATION

**Approval Code** HSR002528

**Group Name** Cleaning Products (flammable) Group Standard 2006

### 16. OTHER INFORMATION

**Issue Date:** 20 September 2019

**Supersedes Date:** 26 April 2016

**MSDS Status:** Revised

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SDS Date: 20 September 2019