



# ZIRCON

## Alcohol Hand Sanitiser

- Kills the H1N1 Swine Flu virus.
- Kills bacteria to help prevent the risk of cross infection.
- Meets the requirements of BS EN 1276
- Effective against MRSA & the viruses that cause AIDS & HEPATITIS B.
- Contains glycerine for added skin protection.
- Unperfumed. Ideal for use in the Food Industry.
- Suitable wherever soap and water is not readily available.
- Wall bracket available for 500ml.

## Product Description:

Zircon is a highly effective alcohol hand sanitiser which works quickly in killing bacteria and viruses to help prevent the risk of cross infection. It is effective against H1N1 (Swine Flu), MRSA and the viruses that cause AIDS and Hepatitis B. Zircon is formulated to evaporate from hands without the need for drying and without leaving any odour or residue - It will also leave the hands feeling smooth. Zircon is suitable for use wherever soap and water are not readily available and is recommended for healthcare establishments and food preparation areas.

## Directions and Dilutions:

Apply small amount to palms and spread over hands & lower forearms, paying attention to cuticles & creases in skin. Rub well until skin is dry. Drying hands is not necessary, as product will evaporate leaving skin refreshed & sanitised. Not suitable for use on hands with cuts or grazes, or on damaged skin.

## Useful Information:

**Product Characteristics:** Clear colourless liquid. Alcohol odour.

**Storage:** Store in original sealed container and protect from extremes of temperature.

**Availability:** Available in various sizes

**Composition:** Ethyl alcohol, aqua, glycerine.

*For any further information on this product or any other Sky Chemicals product, please contact us and we will be more than willing to help.*


**SECTION 1: Identification of the substance/mixture and of the company / undertaking**

1.1 Product identifier		1.3 Details of the supplier of the safety data sheet	
Product name	Zircon	Company name	Sky Chemicals (UK) Ltd
Synonyms	Alcohol hand sanitiser gel	Address	Unit 12 Sheffield Design Studios 40 Ball street, Sheffield S3 8DB
Other means of identification	Z15	Telephone / Fax	0114 278 0222 / 0114 272 7750
1.2 Relevant identified uses, and uses advised against		Website	
Relevant identified uses	Hand sanitiser gel	Email	www.skychemicals.co.uk info@skychemicals.co.uk
Uses advised against	Use as directed	1.4 Emergency telephone number	
		Emergency number	0114 278 0222 (M-F 09:00-17:00)

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

Classification according to CLP H225 Highly flammable liquid and vapour. Flammable Liquids Category 2

**2.2 Label elements**

Hazard pictograms	
Signal word	Danger
Hazard statements	H225 - Highly flammable liquid and vapour.
Precautionary statement(s):	
Prevention	P243 Take precautionary measures against static discharge
Response	P303+361+353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P370+378 In case of fire: Use foam to extinguish.
Storage	P403+235: Store in a well-ventilated place. Keep cool.
Disposal	P501: Dispose of contents to fire proof container.

**2.3 Other hazards**

None

**SECTION 3: Composition/information on ingredients****3.1 Substances**

See Section 3.2

**3.2 Mixtures**

Name	CAS No.	EC No.	Classification	Percent
Ethanol	64-17-5	200-578-6	H225 Flammable Liquids Category 2	60 - 80%

**SECTION 4: First aid measures****4.1 Description of first aid measures**

Eye contact	Bathe the eye with running water for 15 minutes.
Skin contact	Not applicable.
Inhalation	Move to fresh air in case of accidental inhalation of vapours.
Ingestion	Wash out mouth with water.

**4.2 Most important symptoms and effects, both acute and delayed**

Eye contact	There may be irritation and redness.
Skin contact	There may be mild irritation at the site of contact.
Inhalation	Drowsiness or mental confusion may occur.
Ingestion	There may be confusion, aggressive behaviour, slurred speech and staggering walk.

**4.3 Indication of any immediate medical attention and special treatment needed**

Ingestion	
Skin and Eye	None expected, see section 4.1 for further information.
Inhalation	

**SECTION 5: Firefighting measures****5.1 Extinguishing media**

Suitable media Alcohol resistant foam. Dry chemical powder.

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www.skychemicals.co.uk  
Registered in England and Wales No. 07309534

## Unsuitable media

### 5.2 Special hazards arising from the substance or mixture

**Hazardous combustion products** Highly flammable.

### 5.3 Advice for firefighters

**Fire Fighting** Wear self-contained breathing apparatus

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Eliminate all sources of ignition.

### 6.2 Environmental precautions

Not applicable.

### 6.3 Methods and material for containment and cleaning up

Wash the spillage site with large amounts of water.

### 6.4 Reference to other sections

Also refer to sections 8 and 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

**Safe handling** Ensure there is sufficient ventilation of the area.

**Fire and explosion** No smoking.

#### Other information

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

**Suitable storage** Store in a cool, well ventilated area.

**Storage incompatibility** Do not store with oxidising agents

### 7.3 Specific end uses

**Recommendations** Hand sanitising gel

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

**Workplace exposure limits:** 8 hour TWA: 1920 mg/m<sup>3</sup>

### 8.2 Exposure controls

**8.2.1 Engineering controls** Ensure there is sufficient ventilation of the area.

#### 8.2.2 Personal protection equipment:

**Eye and face protection** n/a

**Skin protection** n/a

**Hands protection** n/a

**Respiratory protection** n/a

#### 8.2.3 Environmental exposure controls:

Dispose of contents/container to approved disposal site, in accordance with local regulations.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Appearance:</b>	Colourless viscous liquid	<b>Physical state:</b>	Liquid
<b>Odour:</b>	Alcohol (ethanol)	<b>Flash point:</b>	12°
<b>pH:</b>	7	<b>pH (as solution):</b>	n/a

### 9.2 Other information

None available

## SECTION 10: Stability and Reactivity

**10.1 Reactivity** Stable under recommended transport or storage conditions.

**10.2 Chemical stability** Stable under normal conditions.

**10.3 Possibility of hazardous reactions** Hazardous reactions will not occur under normal transport or storage conditions.

**10.4 Conditions to avoid** Heat. Flames. Sources of ignition.

**10.5 Incompatible materials** Strong oxidising agents.

**10.6 Hazardous decomposition products** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

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**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

<b>Acute toxicity</b>	Based on available data the classification criteria are not met.
Acute Toxicity Oral	>2450 mg/kg
Acute Toxicity Dermal	Not available
Acute Toxicity Inhalation	Not available
<b>Skin corrosion/irritation</b>	Based on available data the classification criteria are not met.
<b>Serious eye damage/irritation</b>	Based on available data the classification criteria are not met.
<b>Respiratory or skin sensitisation</b>	Based on available data the classification criteria are not met.
<b>Germ Cell mutagenicity</b>	Based on available data the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data the classification criteria are not met.
<b>Reproductive toxicity</b>	Based on available data the classification criteria are not met.
<b>STOT-single exposure;</b>	Based on available data the classification criteria are not met.
<b>STOT-repeated exposure</b>	Based on available data the classification criteria are not met.
<b>Aspiration hazard</b>	Based on available data the classification criteria are not met.

**Information about hazardous ingredients in the mixture:**

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE EC Inhalation	LC50 Route
Ethanol	64-17-5	200-578-6	3450 Mouse 7060 Rat	Not available	Not available	Not available

**SECTION 12: Ecological information**

<b>12.1 Toxicity</b>	Not available
<b>12.2 Persistence and degradability</b>	Not available
<b>12.3 Bioaccumulative potential</b>	Not available
<b>12.4 Mobility in soil</b>	Not available
<b>12.5 PBT and vPvB assessment</b>	This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.
<b>12.6 Endocrine disrupting properties</b>	Not available
<b>12.7 Other adverse effects</b>	Not available

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

<b>Product disposal</b>	Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment.
<b>Packaging disposal</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal.

**SECTION 14: Transport Information**

<b>14.1 UN number or ID number</b>	UN1170
<b>14.2 UN proper shipping name</b>	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
<b>14.3 Transport hazard class(es)</b>	3
<b>14.4 Packing group</b>	II
<b>14.5 Environmental hazards</b>	Not environmentally hazardous for transport
<b>14.6 Special precautions for user</b>	None
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****15.2 Chemical Safety Assessment**

A Chemical Safety Assessment has not been carried out for this product.

**SECTION 16: Other information**

<b>Date of issue:</b>	<b>23<sup>rd</sup> April 2024</b>	<b>Version number:</b>	<b>2024/04</b>
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**Abbreviations**

H225	Highly flammable liquid and vapour.
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