

# Safety Data Sheet



## 1. Identification

Product Name:	Instant Hand Sanitiser
Recommended use:	WHO formulation for sanitising hands Ministry of Primary Industries C54 Approval
Supplier:	Uroxsys Ltd
Street Address:	2 Stonedon Drive, East Tamaki, Auckland
Telephone Number:	+64 9 2740808 (8.00am to 5.00pm, Monday to Friday)
Emergency Telephone:	After hours phone CHEMCALL 0800 243622 (or +64 4 9179888)
National Poison Information Centre	0800 POISON (764766)
Date of issue	5 April 2022

## 2. Hazards identification

### GHS classification of the substance/mixture:

Classified as Hazardous according to Hazardous Substances (Hazard Classification) Notice 2020

Classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433: 2020  
Transport of Dangerous Goods.



Flammable Liquid Category 2, Eye irritation Category 2

ERMA Approval: HSR002552

Group Standard: Cosmetics Products Group Standard 2020  
3.1B, 6.4A

### Signal Word:

DANGER

### Hazard Statements:

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

### Precautionary Statements – Prevention:

P102: Keep out of reach of children.

P103: Read label before use.

P210: Keep away from sparks/open flames. No smoking.

P233: Keep container tightly closed.

P281: Use personal protection equipment as required

### For bulk handling:

P240: Ground/bond container and receiving equipment.  
P241: Use explosion-proof electrical/ventilating/lighting equipment.  
P242: Use only non-sparking tools.  
P243: Take precautionary measures against static discharge  
P264: Wash hands thoroughly after handling.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

#### **Precautionary Statements – Response:**

P101: If medical advice is needed, have product container or label at hand.  
P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower (for bulk handling).  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Get medical advice/attention  
P370+P378: In case of fire: Use Foam, dry agent (carbon dioxide, dry chemical powder) for extinction.

#### **Precautionary Statements – Storage:**

P403+P235: Store in a well-ventilated place. Keep cool.  
P405: Store locked up.

#### **Precautionary Statements – Disposal:**

P501: Do not let product enter the environment. Do not dispose of in waterways or sewers. Unwanted product should be brushed out on newspaper, allowed to dry and then disposed of via waste collection. Empty containers should be left open in a well-ventilated area to dry. When dry, recycle the container via recycling programs. Disposal of empty containers via domestic recycling programs may differ between local authorities. Check with your local council first.

### **3. Composition/information on ingredients**

<b>Material</b>	<b>CAS No:</b>	<b>Content %</b>
Ethanol	64-17-5	80%
Glycerol	56-81-5	<2%
Water		balance

### **4. First-aid measures**

If poisoning occurs, contact a doctor or Poisons Information Centre Phone 0800 764 766.

Ingestion:	If swallowed, do NOT induce vomiting. Immediately rinse mouth with water. Seek medical assistance.
Inhalation:	Remove to fresh air and keep at rest in a position comfortable for breathing. If exposed or concerned: Get medical advice
Skin Contact:	IF ON SKIN (or hair) when bulk handling: Remove/Take off immediately all contaminated clothing. Rinse skin with soap and water/shower.
Eye Contact:	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.
Notes to physician:	Treat according to symptoms.

## 5. Fire-fighting measures

Hazards from combustion:	On burning may emit toxic fumes including those of oxides of carbon.
Fire-fighting advice:	Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.
Suitable Extinguishing Media:	Use foam, dry agent (carbon dioxide, dry chemical powder) & water spray. Do not use water jet.
Hazchem Code	2[Y]E

## 6. Accidental release measures

Emergency procedures:	If contamination of sewers or waterways has occurred advise local emergency services.
Methods for containment & clean up:	Shut off all possible sources of ignition. Clear area of all unprotected personnel. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labeled containers or drums for disposal.

## 7. Handling and storage

Handling advice:	Avoid eye contact and breathing in vapour. May form flammable vapour mixtures with air. All potential sources of ignition must be eliminated both in and near the work area. Do NOT smoke. Flameproof equipment is necessary in all areas where this chemical is being used in bulk or being decanted. Nearby equipment must be earthed. Vapour may travel a considerable distance to a source of ignition and flash back.
Storage advice:	Store in a cool place and out of direct sunlight. Store away from acids, alcohols, oxidizing agents, moisture and sources of heat or ignition. Keep dry. Keep containers closed at all times, check regularly for leaks.

## 8. Exposure controls/personal protection

Occupational Exposure Limits:	No value assigned for this specific material by Worksafe NZ. However, NZ Workplace Exposure Standard(s) for constituent(s): Ethanol: 8hr TWA = 1000 ppm (1880 mg/m <sup>3</sup> )
Engineering Control Measures:	Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. Keep containers closed when not in use. Vapour heavier than air - prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapour may have collected.
Personal Protective Equipment:	When bulk handling: wear overalls, chemical goggles and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

## 9. Physical and chemical properties

Physical state:	Liquid
Solubility:	Soluble in water.
Specific Gravity:	0.84
Flash Point (°C):	13°C
Flammability Limits (%):	3.5 – 19
Boiling Point/Range (°C):	77 – 79
Colour	Water white

## 10. Stability and reactivity

Stability:	Stable under normal conditions
Conditions to avoid:	Avoid contact with foodstuffs. Avoid exposure to heat, sources of ignition and open flame.
Hazardous Reactions:	None specified.

## 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 or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion:	Ingestion may irritate the gastric tract causing nausea and vomiting.
Eye contact:	Causes serious eye irritation. On eye contact this product causes tearing, stinging, blurred vision and redness.
Skin contact:	May be irritating to the skin. The symptoms may include redness, itching and swelling.
Inhalation:	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
Respiratory sensitisation:	Not expected to be a respiratory sensitiser
Skin sensitisation:	Not expected to be a skin sensitiser
Carcinogenicity:	Not expected to be a carcinogenic hazard
Reproductive toxicity:	Not considered to be toxic to reproduction
STOT- single exposure:	Not expected to cause toxicity to a specific target organ
STOT- repeated exposure:	Not expected to cause toxicity to a specific target organ
Toxicological Data:	No LD50 data available for the product. The toxicity of the product may be attributed to the solvents it contains. For constituents: Ethanol: LD50 (rat) 7060 mg/kg, LC50 (rat) 20000ppm/10hr.

## 12. Ecological information

Avoid contaminating waterways. This product has not been classified as being toxic to aquatic life. Has a low potential for bioaccumulation and is substantially biodegradable in water.

## 13. Disposal considerations

Refer to Waste Management Authority. Advise flammable nature. Dispose of material through a licensed waste contractor. Normally suitable for incineration by an approved agent.

Empty container:

Do not contaminate storm water with product or product washing. Do not pour product down the drain. Unwanted product should be brushed out on newspaper, allowed to dry and then disposed of via domestic waste collection. Empty containers should be left open in a well-ventilated area to dry out. When dry, recycle the container via recycling programmes. Disposal of empty containers via domestic recycling programmes may differ between local authorities. Check with your local council first.

## 14. Transport information



Road and Rail Transport

Classified as Dangerous Goods by NZS 5433 Transport of Dangerous Goods on Land.

UN No: 1170

Class-primary 3 Ethanol solution

Packing Group: II

Proper Shipping Name: ETHANOL SOLUTION

Hazchem Code: 2[Y]E

## 15. Regulatory information

ERMA Approval: HSR002552

Group Standard: Cosmetics Products Group Standard 2020

## 16. Other information

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Uroxsys Limited cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact Uroxsys Limited at the contact details on page 1.

While Uroxsys Ltd believes that the information contained herein is based on data considered accurate, no warranty or representation is expressed or implied for which Uroxsys Ltd assumes legal responsibility.

This version replaces all previous versions.

END OF SDS