

EARP DISTILLING CO.

Safety Data Sheet

Hazardous Substance, Dangerous Goods

1. Material and Supply Company Identification

Product Name: Alcohol Hand Sanitiser

Recommended Use: Hand Sanitiser

Supplier: Earp Distilling Co.
ACN: 627 361 273
Address: 41A Darling Street
Carrington, NSW, 2294
Australia
Telephone: (02) 8317 5777

2. Hazards Identification

This material is hazardous according to health criteria of Safe Work Australia



Signal Word
Danger

Hazard Classifications
Flammable Liquids - Category 2
Serious Eye Damage/Irritation - Category 2A

Hazard Statements
H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.

Product Name: ALCOHOL HAND SANITISER
Updated: 02-05-2020 Version 1.3
Amended to Update skin contact information.
Amended for revised flash point.

EARP DISTILLING CO.

Prevention Precautionary Statements

- P102 Keep out of reach of children.
P103 Read label before use.
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233 Keep container tightly closed.
P243 Take precautionary measures against static discharge.

Response Precautionary Statements

- P101 If medical advice is needed, have product container or label at hand.
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.

Storage Precautionary Statement

- P403+P235 Store in a well-ventilated place. Keep cool.

Disposal Precautionary Statements

- P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

Poison Schedule: S5. Caution

DANGEROUS GOODS CLASSIFICATION

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road and Rail"

Dangerous Goods Class: 3

Classified as a C1 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO	PROPORTION
Ethanol	64-17-5	> 80 % (w/v)
Glycerol	56-81-5	> 1% <2% (w/v)
Hydrogen Peroxide	7722-84-1	< 1 % (w/v)
Ingredient determined to be non-hazardous		Balance (approx 18.5%)

Product Name: ALCOHOL HAND SANITISER

Updated: 02-05-2020

Version 1.3

2

Amended to Update skin contact information.

Amended for revised flash point.

EARP DISTILLING CO.

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131126)

Inhalation: Remove victim(s) from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow the patient to assume the most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Eye Contact: If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.

Ingestion: Rinse Mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

Notes to physician: Treat symptomatically.

5. Fire Fighting Measures

Hazchem Code: ·2YE

Suitable extinguishing media: If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, dry agent (carbon dioxide, dry chemical power)

Specific Hazards: Highly flammable liquid and vapour. Combustible Liquid. May form flammable vapour mixtures with air. Flameproof equipment necessary in area where this chemical is being used. Nearby equipment must be earthed. Electrical requirements for work area should be assessed according to AS3000. Vapour may travel a considerable distance to source of ignition and flash back. Avoid all ignition sources. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc) must be eliminated both in and near the work area. Do NOT smoke.

Fire fighting further advice: Heating can cause expansion or decomposition leading to violent rupture of containers. If safe to do so, remove containers from the path of fire. Keep containers cool with water spray. On burning or decomposing may emit toxic fumes. Firefighters should wear self-contained breathing apparatus and suitable protective clothing if the risk of exposure to vapour or products of combustion or decomposition.

6. ACCIDENTAL RELEASE MEASURES

Product Name: ALCOHOL HAND SANITISER

Updated: 02-05-2020

Version 1.3

3

Amended to Update skin contact information.

Amended for revised flash point.

EARP DISTILLING CO.

SMALL SPILLS

Wear protective equipment to prevent skin or eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

If safe to do so, shut off all possible sources of ignition. Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of dust. Work up wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Use a spark-free shovel. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: 14

7. HANDLING AND STORAGE

Handling: Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of dust.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition.

Keep container standing upright. Keep containers closed when not in use - check regularly for spills.

Classified as a C1 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the

requirements of AS 1940. Refer to State Regulations for storage and transport requirements.

This material is classified as a Class 3 Flammable Liquid as per the criteria of the "Australian Code for the

Transport of Dangerous Goods by Road & Rail" and/or the "New Zealand NZS5433:

Transport of Dangerous

Goods on Land" and must be stored in accordance with the relevant regulations.

This material is a Scheduled Poison Schedule 5 (Caution) and must be stored, maintained and used in

accordance with the relevant regulations.

Product Name: ALCOHOL HAND SANITISER

Updated: 02-05-2020

Version 1.3

4

Amended to Update skin contact information.

Amended for revised flash point.

EARP DISTILLING CO.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits:

	TWA		STEL		NOTICES
	ppm	mg/m3	ppm	mg/m3	
Ethyl alcohol	1000	1880	-	-	-
Hydrogen Peroxide	1	1.4	-	-	-

As published by Safe Work Australia.

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

'Sen' Notice - sensitiser. The substance can cause a specific immune response in some people. An affected individual may subsequently react to exposure to minute levels of that substance. These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values: As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated. Engineering Measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Avoid generating and inhaling dusts. Use with local exhaust ventilation or while wearing a dust mask. Vapour heavier than air - prevent concentration in hollows or sumps. Do NOT enter confined spaces where vapour may have collected.

Personal Protection Equipment: SAFETY SHOES, SAFETY GLASSES.

Wear safety shoes, safety glasses.

Hygiene measures: Keep away from food, drink and animal feeding supplies. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of dust. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Material Family: Organic Material

Base Units: Litres

Form: Liquid

Colour: Colourless

Product Name: ALCOHOL HAND SANITISER

Updated: 02-05-2020

Version 1.3

5

Amended to Update skin contact information.

Amended for revised flash point.

EARP DISTILLING CO.

Odour: Alcohol

Solubility: Miscible in water

Specific Gravity (20 °C):	0.88
Relative Vapour Density (air=1):	1.59 @15°C
Vapour Pressure (20 °C):	5.9 kPa
Flash Point (°C):	18
Flammability Limits (%):	4 - 20
Autoignition Temperature (°C):	392
Melting Point/Range (°C):	0
Boiling Point/Range (°C):	80
pH:	7 - 8
Viscosity:	Approx 6000 cSt
Total VOC (g/Litre):	98 %

(Values provided are typical only.)

10. STABILITY AND REACTIVITY

Chemical stability: This material is thermally stable when stored and used as directed.

Conditions to avoid: Avoid exposure to heat, sources of ignition, and open flame

Incompatible materials: Incompatible with oxidising agents , acids , acid chlorides , alkali metals, ammonia,potassium tert-butoxide.

Hazardous decomposition products: Hazardous polymerisation will not occur.

Hazardous reactions: Oxides of carbon.

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:

Acute Effects

Inhalation: Material may be an irritant to mucous membranes and respiratory tract.

Skin contact: Contact with skin may result in irritation.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Eye contact: An eye irritant. Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.

Acute toxicity

Inhalation: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >5 mg/L

LC50 (Rat): 5,900 mg/m³/6hr (Ethanol)

Product Name: ALCOHOL HAND SANITISER

Updated: 02-05-2020

Version 1.3

6

Amended to Update skin contact information.

Amended for revised flash point.

EARP DISTILLING CO.

Skin contact: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

LD50 (Rat): 7060 mg/kg (Ethanol)

Corrosion/Irritancy:

Eye: this material has been classified as a Category 2A Hazard (reversible effects to eyes).

Skin: this material has been classified as not corrosive or irritating to skin.

Sensitisation:

Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.

Aspiration hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Long-term aquatic hazard: This material has been classified as non-hazardous. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): >100 mg/L, where the substance is not rapidly degradable and/or BCF < 500 and/or log Kow < 4.

Ecotoxicity: No information available.

Persistence and degradability: The product is readily biodegradable.

Bioaccumulative potential: Risk of bioaccumulation in an aquatic species is low.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

Product Name: ALCOHOL HAND SANITISER

Updated: 02-05-2020

Version 1.3

7

Amended to Update skin contact information.

Amended for revised flash point.

EARP DISTILLING CO.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".



UN No: 1170

Dangerous Goods Class: 3

Packing Group: II

Hazchem Code: •2YE

Emergency Response Guide No: 14

Proper Shipping Name: ETHANOL SOLUTION

Segregation Dangerous Goods: Not to be loaded with explosives (Class 1), flammable gases (Class 2.1), if both are in bulk, toxic gases (Class 2.3), spontaneously combustible substances (Class 4.2), oxidising agents (Class 5.1), organic peroxides (Class 5.2), toxic substances (Class 6.1), infectious substances (Class 6.2) or radioactive substances (Class 7). Exemptions may apply.

15. REGULATORY INFORMATION

This material/constituent(s) is covered by the following requirements:

- The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) established under the Therapeutic Goods Act (Commonwealth).
- All components of this product are listed on or exempt from the Australian Inventory of Chemical Substances (AICS).

16.

Reason for issue: Initial release

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are

Product Name: ALCOHOL HAND SANITISER

Updated: 02-05-2020

Version 1.3

8

Amended to Update skin contact information.

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EARP DISTILLING CO.

beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Safety Data Sheets are updated frequently as new information or research comes to light. Please ensure you have a current copy.

Product Name: ALCOHOL HAND SANITISER

Updated: 02-05-2020

Version 1.3

9

Amended to Update skin contact information.

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