



SAFETY DATA SHEET

1. Identification of the material and distributor

Product name : Skin Nutrient™ Hand Sanitiser 500ml

Distributor : Central Cleaning Supplies (Aust) Pty Ltd

ABN: 28 997 060 504

25-29 Paramount Rd, West Footscray VIC 3012 Australia

Tel: 1300 347 347

Fax: 1300 348 348

Poisons Information Centre : 13 11 26

Material uses : Hand Sanitiser

Product use : Consumer

Section 2. Hazard(s) identification

Classification of the : FLAMMABLE LIQUIDS - Category 3

substance or mixture : SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A

Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 1%

GHS label elements

Hazard pictograms :



Signal word : WARNING

Hazard statements : Flammable: Keep away from flames and sources of heat or ignition. Store below 30°C.

Precautionary statements

General: FOR EXTERNAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. Avoid contact with eyes. Not to be taken.

Prevention : Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Wash hands thoroughly after handling.

Response : For advice, contact a Poisons Information Centre (Phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor at once. If swallowed, rinse mouth and do NOT induce vomiting and seek medical advice. 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 or a doctor, or for at least 15 minutes.

Storage : Keep away from flames and sources of heat or ignition. No Smoking. Store below 30°C.



Section 2. Hazard(s) identification

Disposal : Dispose of contents and container in accordance with all local, regional, national and international regulations.

Supplemental label : Not applicable.

Elements

Other hazards which do not result in classification : None known.

Section 3. Composition and ingredient information

Substance/mixture : Mixture

Ingredient name	% (w/w)	CAS number
Alcohol (Ethyl alcohol)	≥60 - ≤75	64-17-5

Other Non-hazardous ingredients to 100%

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

For advice, contact a Poisons Information Centre (Phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor at once. If swallowed, rinse mouth and do NOT induce vomiting and seek medical advice. 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 or a doctor, or for at least 15 minutes.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact : Causes serious eye irritation.

Inhalation : No known significant effects or critical hazards.

Skin contact : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact : Adverse symptoms may include the following:



pain or irritation watering redness

Inhalation : No specific data.

Skin contact : No specific data.

Ingestion : No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if quantities have been ingested or large quantities are inhaled.

Specific treatments : No specific treatment.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

Section 5. Firefighting measures

Extinguishing media Suitable extinguishing : Use dry chemical, CO₂, water spray (fog) or foam.

Unsuitable extinguishing media : Do not use water jet.

Specific hazards arising from the chemical : Flammable liquid and vapour. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.

Hazardous thermal decomposition products: Decomposition products may include the following materials:

decomposition products: carbon dioxide, carbon monoxide

Special protective actions for fire-fighters :

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective

equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Hazchem code : • 2Y

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures :

For non-emergency : personnel : No action shall be taken involving any personal risk or without suitable training.

Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through



spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions:

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and material for containment and cleaning up

Small spill : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

Section 7. Handling and storage

Precautions for safe handling Protective measures:

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.



Advice on general occupational hygiene :

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities :

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in un-labelled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls and personal protection

Control parameters

Australia

Occupational exposure limits

Ingredient name	Exposure limits
Alcohol (Ethyl alcohol) (CAS 64-17-5)	Safe Work Australia (Australia, 1/2014). TWA: 1880 mg/m ³ 8 hours. TWA: 1000 ppm 8 hours.

Section 9. Physical and chemical properties

Appearance Physical state: Liquid. [Gelatinous precipitate.]

Colour : Clear.

Odour: Characteristic.

Odour threshold : Not available.

PH:: 6.5 to 8 [25°C]

Melting point : Not available.

Boiling point : 76°C (168.8°F)

Flash point : Closed cup: 24°C (75.2°F)

Evaporation rate : Not available.

Flammability (solid, gas) : Not available.

Lower and upper explosive (flammable) limits : Not available.



Vapour pressure : 5.7 kPa (42.754 mm Hg) [room temperature]

Vapour density : Not available.

Relative density : 0.87 to 0.9

Solubility Easily soluble in the following materials: cold water and hot water.

Solubility in water : Not available.

Partition coefficient: n- Not available.

octanol/water :

Auto-ignition temperature: Not available.

Decomposition temperature : Not available.

Viscosity: Dynamic (room temperature): 4000 to 8000 mPa·s (4000 to 8000 cP)

Flow time (ISO 2431) : Not available.

Section 10. Stability and reactivity

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability The product is stable.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid: Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.

Incompatible materials : Reactive or incompatible with the following materials: oxidizing materials

Hazardous decomposition products :

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Alcohol (Ethyl alcohol) (CAS 64-17-5)	LC50 Inhalation Vapour LD50 Oral	Rat Rat	124700 mg/m ³ 7 g/kg	4 hours -

Conclusion/Summary: Not classified * Information is based on toxicity test result of a similar product.



Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Skin Nutrient™ Hand Sanitiser	Eyes - Moderate irritant	Rabbit	-	0.066666667	
	Eyes - Mild irritant	Rabbit	-	minutes 100	
	Eyes - Moderate irritant	Rabbit	-	milligrams	
	Eyes - Severe irritant	Rabbit	-	24 hours500	
	Skin - Mild irritant	Rabbit	-	milligrams	
	Skin - Moderate irritant	Rabbit	-	100	
	Eyes - Cornea opacity	Rabbit	2	microliters	
	Skin - Erythema/Eschar	Rabbit	0	500	
				milligrams	
				400	
				Milligrams	
				24 hours 20	
				milligrams	

Conclusion/Summar

Skin : Non-irritant to skin. * Information is based on toxicity test result of a similar product.

Eyes : Causes serious eye irritation. * Information is based on toxicity test result of a similar product.

Sensitisation -

Product/ingredient name	Route of exposure	Species	Result
Skin Nutrient™ Hand Sanitiser	skin	Human	Not sensitizing

Conclusion/Summary skin : Non-sensitiser to skin. * Information is based on toxicity test result of a similar

Carcinogenicity : Not available.

Mutagenicity : Not available.

Teratogenicity : Not available.

Reproductive toxicity : Not available.

Specific target organ toxicity (single exposure) : Not available.

Specific target organ toxicity (repeated exposure) : Not available.

Aspiration hazard : Not available.

Information on likely routes of exposure : Not available.

Potential acute health effects

Eye contact : Causes serious eye irritation.



Inhalation : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Skin contact : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact: Adverse symptoms may include the following: pain or irritation, watering, redness

Inhalation No specific data.

Skin contact No specific data.

Ingestion No specific data.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure

Potential immediate effects Not available

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects Not available

Potential delayed effects : Not available.

Potential chronic health effects : Not available.

General : No known significant effects or critical hazards.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : No known significant effects or critical hazards.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates : Not available.

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Alcohol (Ethyl alcohol) (CAS 64-17-5)	Acute EC50 17.921 mg/l Marine water	Algae - Ulva pertusa	96 hours
	Acute EC50 2000 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 25500 µg/l Marine water	Crustaceans - Artemia franciscana - Larvae	48 hours
			4 days
	Acute LC50 42000 µg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
	Chronic NOEC 4.995 mg/l Marine water	Algae - Ulva pertusa	12 weeks
	Chronic NOEC 0.375 µl/L Fresh water	Fish - Gambusia holbrooki - Larvae	

Persistence and degradability : Not available.

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
Alcohol (Ethyl alcohol) (CAS 64-17-5)	-0.35	-	low

Mobility in soil Soil/water partition : Not available.

coefficient (K_{oc})

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods :

The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

14. Transport information

Regulation	UN number	Proper shipping name	Classes	PG*	Label	Additional information
						
ADG	UN1170	ETHANOL SOLUTION	3	III		Hazchem code •2Y Special provisions 144, 223
IMDG	UN1170	ETHANOL SOLUTION	3	III		Limited quantity 1 L Emergency schedules(EmS) F-E, S-D
IATA	UN1170	ETHANOL SOLUTION	3	III		See DG list.

PG* : Packing group

Special precautions for user Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15. Regulatory information

Standard Uniform Schedule of Medicine and Poisons Not scheduled

Model Work Health and Safety Regulations - Scheduled Substances No listed substance

Australia inventory (AICS) : All components are listed or exempted.

New Zealand Inventory of Chemicals (NZIoC) : All components are listed or exempted.

HSNO Approval Number : HSR002552

HSNO Group Standard : Cosmetic Products

Approved Handler Requirement : No.

Tracking Requirement : No.



Section 16. Any other relevant information

Key to abbreviations: :

ADG = Australian Dangerous Goods

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships,

1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

NOHSC = National Occupational Health and Safety Commission

SUSMP = Standard Uniform Schedule of Medicine and Poisons

UN = United Nations

Date of issue / Date of revision : 03/02/2020

Revision comments : Update as per AUS GHS.

Version : 13.2

Procedure used to derive the classification

Classification	Justification
FLAMMABLE LIQUIDS - Category 3	On basis of test data
SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A	Calculation method

References : Not available.

Indicates information that has changed from previously issued version.

Notice to reader :

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier/distributor, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Please read all labels carefully before using product.