



SAFETY DATA SHEET

Safety Data Sheet according to WHS and ADG requirements

SECTION 1: Identification of the substance/mixture & of the Company/ Undertaking

1.1 Product Name: Hand Sanitiser

1.2 Application of the substance/mixture: Hand Sanitiser. For external use only. Consumer product.

1.3 Details of the Manufacturer / Distributor:

Natural Beauty Care Pty Ltd
8 Teton Court,
Highett, Victoria
3190, Australia.

Milc
8 Logistics Street
Keilor Park, Victoria
3042, Australia.

1.4 Emergency telephone number: +61 3 9553 0733 Facsimile Number: +61 3 9553 4988

1.5 POISON INFORMATION CENTRE: 13 11 26 (Australia)

SECTION 2: Hazard Identification

This material is a personal care product that is safe for consumers with intended and foreseeable use.

Normal usage should not create hazardous conditions.

Classified as Dangerous goods by the criteria of the WHS Regulations and Australian Dangerous goods code (ADG) for Transport and Rail **HAZARDOUS.DANGEROUS GOODS.**

Classification of the substance or mixture (GHS Classification)

Flammable Liquid Category 2. Eye Irritation Category 2A.

Signal word: DANGER

Hazard statements:

H225 Highly flammable liquid and vapour

H319 Causes serious eye irritation



Precautionary statements: (Prevention)

P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

P233 Keep container tightly closed

Precautionary statements: (Response)

P370 + P378 In case of fire: Use alcohol resistant foam for extinction.

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 advise/attention

SECTION 3: Composition/formulation on ingredients

Name of Chemical	CAS Number	Percentage % w/w
Alcohol (Ethanol, Ethyl Alcohol)	64-17-5	>63 - <65
Water (Aqua)	7732-18-5	<35
Glycerin	56-81-5	<5
Propylene Glycol	57-55-6	<5
Fragrance (Parfum)	-	<1
Carbomer	9003-01-4	<0.5
Aminomethyl Propanol	124-68-5	<0.5
Eucalyptus Globulus Leaf Oil	8000-48-4	<0.5
Tert-Butyl alcohol (Ethanol denaturant)	75-65-0	0.25
Limonene	5989-27-5	<0.5
Tocopheryl Acetate	7695-91-2 / 58-95-7	<0.01
Aloe Barbadensis Leaf Juice	85507-69-3 / 94349-62-9	<0.01

SECTION 4: First Aid Measures

4.1 Description of first aid measures

General information: **No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label.**

HEALTH EFFECTS:	
Acute - Swallowed	Not an expected route of exposure. May be harmful if large amounts are swallowed
Acute - Eye	Irritating to eyes
Acute - Skin	Not considered an irritant through normal use. Full strength material in repeated or prolonged contact with skin may be irritating and cause allergic reactions in sensitive individuals
Acute - Inhaled	Full strength material should not cause any irritation to the mucous membrane and upper airways under normal use.

FIRST AID:	
Swallowed	Rinse mouth thoroughly with water. Give plenty of water to drink. Seek medical advice if concerned.
Eye	Flush eye with copious amounts of water for 15 minutes keeping eyelids apart. Seek medical attention.
Skin	No first aid required under normal use. If skin irritation occurs, wash with water. If irritation persists seek medical advise.

Inhaled	No first aid required under normal use. If excess amounts are inhaled, remove to fresh air. Seek medical advise if symptoms appear.
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4.2 Most important symptoms and effects, both acute and delayed: May cause eye irritation..

4.3 Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

SECTION 5: Firefighting Measures

5.1 Suitable Extinguishing media: Carbon dioxide, Alcohol-resistant Foam, Dry Chemical.

5.2 Special hazards arising from the substance or mixture: HIGHLY FLAMMABLE: This product has a low flash point - Will be easily ignited by heat, sparks or flames at ambient temperatures. Vapours will form explosive mixtures with air. Fumes may catch fire. Vapours will travel to source of ignition and flash back. Fire may produce irritating, poisonous and/or corrosive gases.

5.3 Advice for firefighters: SCBA and structural firefighter's uniform may provide limited protection. Fully-encapsulating, gas-tight suits should be worn for maximum protection. Do not inhale explosion gases or combustion gases.

Hazchem Code: ·2YE

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures: None under normal conditions of use. Where a large amount is released (greater than domestic use). ELIMINATE all sources of ignition. Increase ventilation. Evacuate all personnel. Wear sufficient respiratory protection and full protective clothing to minimise skin and eye exposure. If possible contain the spill.

6.2 Environmental precautions: No special measures required.

6.3 Methods and material for containment and cleaning up: Slippery when spilt. Clean up minor spills immediately with absorbent material. For large spills - wear protective equipment to avoid eye contact. Contain – prevent run off into drains and waterways. Use absorbent material. Collect and seal on properly labelled containers for disposal. If large quantities of this material enter the waterways, contact the Environmental Protection Authority or your local Waste Management Authority.

6.4 Reference to other sections: See Section 7 for information on safe handling.

SECTION 7: Handling & Storage

7.1 Precautions for safe handling: Keep away from open flame, heat and ignition sources. Keep closed when not in use. Avoid contact with eyes. Keep out of reach of children.

Information about fire - and explosion protection: Keep away from open flame, heat and ignition sources. Refer to Section 5.

7.2 Conditions for safe storage, including any incompatibilities: Store below 30°C if in original containers. Store in a tightly closed container, in a cool dry well ventilated area.

7.3 Specific end use(s): No further relevant information available. Apart from Section 1.2, no other specific uses stipulated.

SECTION 8: Exposure Controls /Personal Protection:

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters: Exposure guidelines are not relevant when product is used as intended in a household/domestic/consumer setting.

8.2 Appropriate engineering controls: Manufacturing sites: Ensure adequate ventilation.

8.3 Personal Protection: None required when handling small quantities. Avoid contact with eyes. Do not ingest. Some sensitive individuals may develop an irritation response. See section 4.

Eye Protection –	Manufacturing sites: Safety goggles with side shield protection Distribution/Domestic/Consumer setting: No special equipment required
Skin Protection -	Manufacturing Sites: PVC, neoprene, or nitrile gloves. Flame retardant protective clothing and appropriate safety shoes. Distribution/Domestic/Consumer setting: No special equipment required
Respiratory Protection -	Manufacturing Sites: Where adequate ventilation, none required Distribution/Domestic/Consumer setting: No special equipment required

National Exposure Standards: No exposure standards have been established for this material by Work Safe Australia.

Biological Limit Values: No biological limit.

SECTION 9: Physical & Chemical Properties

Appearance: Water thin Liquid.

Odour: Characteristic

pH: 6.5 – 7.0

Melting point/Melting range: Not applicable.

Danger of explosion: Not Available

Solubility in / Miscibility with water: Miscible/Soluble

Vapour density: No data available.

Colour: Colourless.

Odour threshold: Not determined.

Flash point: 24°C HIGHLY FLAMMABLE.

Boiling point: Not tested. Expected $\geq 78.4^{\circ}\text{C}$

Self-igniting: Not Available.

Density at 20°C: 0.8 – 0.95 g/cm³

Vapour pressure: No data available.

SECTION 10: Stability & Reactivity

10.1 Reactivity: No further relevant information available.

10.2 Chemical stability: Stable under normal handling and storage conditions.

Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions: No dangerous reactions known.

10.4 Conditions to avoid: Heat, sparks, flame.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: None under normal conditions of storage and use. In fire may produce carbon dioxide and/or carbon monoxide.

SECTION 11: Toxicology Information

11.1 Information on toxicological effects: No adverse health effects expected if the product is handled in accordance with this safety data sheet and the product label. Product is safe for its intended use based on the formulation, testing results and the history of safe consumer use.

Acute toxicity: No LD50 data available for this product.

Primary irritant effect:

On the skin: No irritating effect expected.

On the eye: Irritating – avoid contact with eyes.

Carcinogen Classification: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed carcinogen by IARC.

SECTION 12: Ecological Information

12.1 Ecotoxicity: Avoid contaminating waterways.

12.2 Persistence/degradability: No tested data available on this product.

12.3 Bioaccumulative potential: No tested data available on this product.

12.4 Mobility: No tested data available on this product.

Section 13: Disposals Consideration

Disposal Methods: Refer to Waste Management Authority. Dispose of contents/containers in accordance with local/regional/national/international regulations.

SECTION 14: Transport Information

Not relevant for consumer use, however note the following:

Labels Required**Marine Pollutant: No****HAZCHEM: ·2YE**

ADR 7.3 Land Transport of Dangerous Goods	
Description:	UN 1170, ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, II, Ltd. Qty.
UN Number:	1170
Proper Shipping Name:	ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
DG Class:	3
Subsidiary Risk:	None
Packing Group:	II
HAZCHEM Code:	·2YE
Special Provision:	N/A

MARITIME TRANSPORTATION		AIR TRANSPORTATION	
IMDG		IATA Dangerous Goods Regulations (DGR) 56th Edition 2015	
IMDG:	Class 3	ICAO/IATA Class:	Class 3
Description:	UN 1170, ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, II, Ltd. Qty.	Description:	UN 1170, ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, II, Ltd. Qty.
UN Number:	UN 1170	UN Number:	UN 1170
Packaging Group:	II	Packaging Group:	II
EMS Number:	F-E, S-D	ERG code	3L
Marine Pollutant:	Not allocated		
Proper Shipping Name:	ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	Proper Shipping Name:	ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

Special Provisions:		Special Provisions:	
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SECTION 15: Regulatory Information

POISONS SCHEDULE (SUSMP) :	Not subject to labelling
AICS:	All ingredients in this product are compliant with NICNAS regulations

SECTION 16: OTHER INFORMATION

The information herein is accurate to the best of our knowledge. However, it is meant to describe safety requirements of our products, thus this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. No warranty is expressed or made as to this document's accuracy, reliability or completeness. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated.

Relevant phrases

Not relevant.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 AICS: Australian Inventory of Chemical substances
 NICNAS: National Industrial Chemical Notification & Assessment Scheme
 IARC: International Agency for Research Cancer

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END OF SDS