



GHS 7 Edition : 15.10.2022

Safety Data Sheet According to WHS regulations

Version 1 Alcohol Free Hand Sanitiser

Last reviewed : - 05.06.20

Section 1: Identification of the mixture and the company

1.1 Identification

Commercial name: Hand Sanitiser

1.2 Relevant identified uses of mixture and uses advised against Identified uses

Consumer use – Cleaning skin

1.3 Details of the supplier of the SDS:

NATURE DIRECT
C/o Storage City, 59 Jijaws Street
Sumner Park, BRISBANE
AUSTRALIA 4074
Office : +61 407127820
Email : neil.reid@naturedirect.com.au

1.4 Emergency phone: 24 hours Emergency: 13 11 26

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Section 2: Hazard identification

2.1 Classification of the mixture Harmful to Aquatic Life with long lasting effects, when in high dosage.

2.2 Label elements Pictogram: GHS05



Signal word: *Danger*

H-mention: *H318 Causes Serious Eye damage*

P-Phrases:

P102 Keep out of reach of children.

P273 Avoid release into the environment.

P501 Dispose of Contents/container in accordance with local regulations.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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Section 3: Information on the composition

3.2 Chemical characterisation

CAS 7732-18-5	Distilled water	70 %
CAS 1643-20-5	Lauryl dimethyl amine oxide Skin Irrit. 2, H315; Eye Irrit 2, H319	< 0.5 %
CAS 3332-27-2	Myristil dimethyl amine oxide Acute Tox. 4, H302 ; Skin Irrit. 2, H315; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 2, H411	< 0.4 %
CAS 8022-72-8	Melaleuca alternifolia, ext. (Tea Tree Oil, Terpinen-4-ol type) Flam. Liq. 3, H226; Acute Tox 2, H302 ; Skin Irrit 2, H315 ; Aquatic Chronic 3, H412	< 0.3 %
CAS 7173-51-5	Didecylidimethylammonium, chloride Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Acute Tox. 4, H312 ; Aquatic Acute 1, H400 (M=10) ; Aquatic Chronic 2, H411	< 0.3 %
CAS 85409-23-0	C12-14-alkyl-[(ethylphenyl)methyl]-dimethyl, chloride Skin Corr. 1B, H314 ; Acute Tox. 4, H302 ; Acute Tox. 4, H312 ; Aquatic Acute 1, H400	< 0.3 %
CAS 8000-48-4	Eucalyptus globulus oil Flam Liq 3, H226 ; Asp. Tox 1, H304 ; Skin Sens 1, H317 ; Aquatic Chronic 2, H411	< 0.2 %

CAS 8007-46-3	Thyme oil Skin Sens 1, H317	< 0.1 %
CAS 84961-50-2	Clove, ext. Acute Tox 4, H302 ; Acute Tox, H312 ; Skin Irrit 2, H315	< 0.1 %
CAS 6842485-1	Benzyl-C12-16-alkyldimethyl, chloride Skin Corr. 1B, H314 ; Acute Tox 4, H302; Acute Tox. 4, H312 ; Aquatic Acute 1, H400	< 0.3 %
-	Other components *	< 28 %

(*) Other components consist of products occurring at < 0.1% and/ or do not meet health hazard classifications by the criteria of GHS (ver. 3).

For the purposes of the GHS, the terms "cut-off value" and "concentration limit" are equivalent and are meant to be used interchangeably. Competent authorities may choose whether to use either term to define thresholds that trigger classification.



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Section 4: First aid measures

4.1 Description of first aid measures:

Inhalation Supply fresh air. Consult doctor in case of complaints.

Skin contact Generally the product does not irritate the skin.

Eye contact In case of eye contact, remove contact lenses and rinse immediately with plenty of water, also under the eyelids, for several minutes. Consult a doctor.

Ingestion Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting. Consult doctor in case of complaints.

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

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

Section 5: Fire Fighting measures

5.1 Extinguishing media:

Suitable extinguishing media: CO₂, water spray, dry chemical powder or alcohol-foam

Extinguishing media to avoid: Water-jet (may spread fire).

5.2 Special hazards arising from the mixture

No further relevant information available.

5.3 Advice to fire fighters. No special measures required.



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Section 6: Accidental Release Measures

6.1 Personal precaution, protective equipment and emergency procedures: Not required

6.2 Environmental precautions - Dilute with plenty of water.

Do not allow the product to enter sewers/ surface water or ground water

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.

Section 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

7.2 Conditions for safe storage, including any incompatibilities

No special requirements.



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Section 8: Exposure controls/ Personal Protection

8.1 Exposure controls measures:

CAS 8006-64-2 Turpentine, Oil	NES (Australia) Long-Term value	557 mg/m ³ , 100 ppm
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8.2 Personal protection:

General protective and hygienic measures

Keep away from food, beverages and petfood. Remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid all contact with the eyes.

Respiratory protection: Not necessary under normal use of the product.

Hand protection: Not necessary.

Eye protection: Wear protective goggles

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Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Odour - Characteristic Odour threshold – Not Applicable

Auto-ignition temperature Not applicable

Decomposition temperature Not determined. Evaporation rate Not determined

Flammability Not applicable. Flash point Not applicable. Initial boiling point and boiling range Not determined

Melting point/ freezing point 100°C. Partition coefficient : n-octanol/ water Not determined

pH +/- 7.5

Relative density 1 g/cm³ Solubility Miscible

Upper/ lower flammability or explosive limits Product does not present an explosion hazard

Vapour density Not determined

Vapour pressure 23 hPa

Viscosity Not determined

Section 10: Stability and reactivity

10.1 Reactivity: None under normal conditions.

10.2 Chemical stability: Stable under normal conditions.

10.3 Chemically unstable gas: Stable, not a flammable gas.

10.4 Possibility of hazardous reaction: No dangerous reaction known under normal use.

10.5 Conditions to avoid: No further relevant information available.

10.6 Incompatibles materials: No further relevant information available.

10.7 Hazardous decomposition products: None known.

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Section 11: Toxicological information

Acute Toxicity	Eucalyptus globulus, Oil (CAS 8000-48-4) LD50 (oral) 2480 mg/kg _{bw} (rat) LD50 (dermal) 2480 mg/kg _{bw} (rabbit)
Corrosion/irritation on skin	No irritant effect
Corrosion/ irritation on eye	Strong irritant with the danger of severe eye injury
Sensitization	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Carcinogenicity	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT – Single exposure	Based on available data, the classification criteria are not met
STOT – Repeated exposure	Based on available data, the classification criteria are not met
Aspiration Hazard	Based on available data, the classification criteria are not met
Corrosion/irritation on skin	Based on available data, the classification criteria are not met

Section 12: Ecological information

12.1 Toxicity

Aquatic toxicity : No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulation Potential de bioaccumulation No further relevant information available.

12.4 Mobility in soil. No further relevant information available.

12.5 Other adverse effects: - No further relevant information available.

Section 13 Disposal considerations

Smaller quantities can be disposed of with household waste. Uncleaned packaging:

- Recommendation: Disposal must be made according to official regulations.
- Recommended cleansing agents: Water, if necessary together with cleansing agents.

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Section 14: Transport information

14.1 UN Number

ADR, IMDG, IATA Not classified as hazardous for transport

14.2 UN proper shipping name

ADR, IMDG, IATA Not classified as hazardous for transport

14.3 Transport hazard class : Not classified as hazardous for transport

14.4 Packaging group :

ADR, IMDG, IATA Not classified as hazardous for transport

14.5 Environmental hazard: Marine Pollutant - No

14.6 Special precaution for user Not applicable

14.7 Additional information - transport in bulk according to IMO instruments

Section 15: Regulatory information

Australian Inventory of Chemical substances

Australian Inventory of Chemical substances

CAS 1643-20-5	Lauryl dimethyl amine oxide
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CAS 8022-72-8	Melaleuca alternifolia, ext. (Tea Tree Oil, Terpinen-4-ol type)
CAS 7173-51-5	Didecyldimethylammonium, chloride
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Section 16: Other information

The statements in this Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

Acronyms and abbreviations:

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Acronyms and abbreviations:

IMDG International Maritime Code for Dangerous Goods

IATA International Air Transport Association

GHS Globally Harmonised System of Classification and Labelling of Chemicals

CAS Chemical Abstracts Service (division of the American Chemical Society)

LC50 Lethal concentration, 50 percent

LD50 Lethal dose, 50 percent

Relevant phrases

H226 Flammable liquid and vapour

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life

H411 Toxic to aquatic life with long lasting effects

H412 Harmful to aquatic life with long lasting effects