

# Material Safety Data Sheet

## (MSDS)

Ref: WTZ20F03010806C

Date: Apr 22, 2020

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**Applicant:** Applicant Withheld

**Address:** Address Withheld

### Sample information:

**Sample name:** DYNASHIELD HAND SANITISER (ALCOHOL SOLUTION)

**Model:** 30-5000ml

**Issue date:** Apr 22, 2020

offered without warranty. The manufacturer with 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. Please ensure you have a current copy.

## Section 1 - Chemical Product and Company Identification

**Product Name:** DYNASHIELD HAND SANITISER (ALCOHOL SOLUTION)

**Distributor:** Taniwha Import Pty Ltd

**Address:** 213 Sandy Creek Road, Yatala, Queensland 4207

**Telephone:** 07 3287 4633

**Email:** Sales@dynaton.com.au

## Section 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.

### Prevention Precautionary Statements

PI 02 Keep out of reach of children.

PI 03 Read label before use.

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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 p 101 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 Statement

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

Poison Schedule: S5. Caution

#### DANGEROUS GOOD CLASSIFICATION

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".

Dangerous Goods Class: 3

Classified as a CI (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.

### Section 3 - Composition/Information on Ingredient

Pure  Admixture

Composition:

Chemical Name	In % By Weight	CAS No.
Alcohol	75%	64-17-5
Water	23.7%	7732-18-5
Glycerin	0.7%	56090-54-1
Carbomer	0.3%	56-81-5
Triethanolamine	0.3%	102-71-6

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### Section 4 - First Aid Measures

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).  
Notes to physician: Treat symptomatically.

**Skin contact:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance. For gross contamination, immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of water (and soap if material is insoluble). For skin burns, cover with a clean, dry dressing until medical help is available. If blistering occurs, do NOT break blisters. If swelling, redness, blistering, or irritation occurs seek medical assistance.

**Eyes 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.

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

**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.

### Section 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 powder).

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

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

### Section 6 - Accidental Release Measures

#### SMALL SPILLS

Wear protective equipment to prevent skin and 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

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### Section 7 - Handling and Storage

**Handling:** Supply with sufficient partial air exhaust. Keep away from the fire source, heat source, no smoking in the work place. Take care when lifting and handling in case of damaging the package. Equip with relevant types and quantities of extinguishment instruments and device for divulgence handling. **Storage:** Keep in sealed container, place in a cool dry place.

### Section 8 - Exposure Controls, Personal Protection

**Occupational exposure limit:**

**MAC(mg/m3):**No information

**TWA(mg/m3):**No information

**STEL(mg/m3):**No information

**Engineering control:** The production process space is closed, need to strengthen the ventilation. Make sure that there is a wash and shower in the vicinity of the workplace. Set emergency evacuation routes.

**Respiratory Protection:** No protection in normal situation.

**Eyes Protection:** No protection in normal situation.

**Body Protection:** Wear work clothes.

**Hands Protection:** Wear protective gloves.

**Other Protections:** No smoking, dining and drinking water in the workplace. Keep good habit of hygiene.

### Section 9 - Physical and Chemical Properties

**Appearance:** Transparent Gel

**Colour:** Transparent

**PH:** 6-8

**Melting point/range:** N/A

**Density:** 0.89 g/cm<sup>3</sup>

**Oxidising properties:** N/A

**Solubility in water:** Soluble in water

**Partition coefficient(n-octanol / water):** N/A

**Evaporation rate:** N/A

**Odour:** Special fragrance

**Boiling point/range:** N/A

**Flashpoint:** 22°C

**Viscosity:** N/A

**Vapour pressure:** N/A

**Vapour density:** N/A

**Ignition temperature:** N/A

**UEL:** N/A

### Section 10 - Stability and Reactivity

**Stability:** Stable under normal temperature and pressure

**Distribution of Ban:** Strong oxidizing agent, strong acid

**Conditions to Avoid:** High temperature, Flame

**Hazardous Polymerization:** None

**Decomposition products:** In normal condition of storage and use, hazardous decomposition products should not be produced.

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### Section 11 - Toxicological Information

**Acute Toxicity:** Ethanol:LD50: 7060 mg / kg (rabbit oral); 7430 mg / kg (rabbit percutaneous);  
LC50: 37620 mg / m<sup>3</sup>, 10 hours (rat inhalation)

**Sub-acute and Chronic Toxicity:** No known significant effects or serious harm.

**Irritation:** No known significant effects or serious harm.

**Sensitization:** No known significant effects or serious harm.

**Mutagenicity:** No known significant effects or serious harm.

**Carcinogenicity:** No known significant effects or serious harm.

### Section 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.

**Bio-accumulative potential:** Risk of bioaccumulation in an aquatic species is low.

**Mobility:** No information available.

### Section 13 - Disposal Considerations

**Disposal method:** Dispose of waste in compliance with current legislation, preferably via a certified collector or company.

**Disposal considerations:** Choose to have certified disposal contractor.

### Section 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: 1 170 Dangerous Goods

Class:3 Packing Group:

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

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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.

### MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea,

UN No: 1 170  
Dangerous Goods Class:  
Packing Group: 3  
Proper Shipping Name: ETHANOL SOLUTION



### AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No: 1 170  
Dangerous Goods Class:  
Packing Group: 3  
Proper Shipping Name: ETHANOL SOLUTION



## Section 15 - Regulatory Information

### 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 (ACS).
- ISO 11014-2009 Safety data sheet for chemical products - Content and order of sections. Regulation (EC) No.1272/2008 Classification, Labeling and Packaging of Substances and Mixtures.
  - 《Dangerous Goods Regulation》
  - 《International Maritime Dangerous Goods》
  - 《Technical Instructions for the Safe Transport of Dangerous Goods》
  - 《Classification and code of dangerous goods》

## Section 16 - Additional Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

\*\*\*End of MSDS\*\*\*