

# SAFETY DATA SHEET

According to Safe Work Australia

Printing date 12.07.2016

Revision: 12.07.2016

## 1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

**Product Name:** HANDS FIRST

**Other Means of Identification:** Mixture

**Recommended Use of the Chemical and Restriction on Use:** Waterless hand sanitiser

**Details of Manufacturer or Importer:**

Hands First / Moonscape Waterless  
Address 119 Lines Road  
Willyaroo SA 5255

**Phone Number:** 08 8327 2220

**Emergency telephone number:** 0455 022 220

## 2 . HAZARDS IDENTIFICATION

**Hazardous Nature:**

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

The product is not classified according to the Globally Harmonised System (GHS).

**Signal Word** Void

**Hazard Statements** Void

## 3 . COMPOSITION AND INFORMATION ON INGREDIENTS

**Chemical Characterization: Mixtures**

**Description:** No reportable hazardous substances or complex substances.

**Hazardous Components:** Void

**Non Hazardous Components:**

8001-54-5	Benzalkonium chloride (+)	0.1%
	<span style="color: red;">⚠</span> Acute Tox. (Oral) 3, H301; Acute Tox. (Dermal) 3, H311; <span style="color: red;">⚠</span> Skin Corr. 1B, H314; Eye Dam. 1, H318; <span style="color: red;">⚠</span> Aquatic Acute 1, H400	

## 4 . FIRST AID MEASURES

**Inhalation:** Not applicable.

**Skin Contact:**

No adverse effects expected. If any symptoms occur, wipe off affected area and wash with soap and water.

**Eye Contact:**

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if symptoms persist.

**Ingestion:**

If swallowed, do not induce vomiting. Give 2 glasses of water to dilute. Do not give anything by mouth to an unconscious person. Seek medical attention.

## 5 . FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Use fire extinguishing methods suitable to surrounding conditions.

**Specific Hazards Arising from the Chemical:** Not considered to be a fire or an explosion hazard.

(Contd. on page 2)

# SAFETY DATA SHEET

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**Product Name: HANDS FIRST**

(Contd. of page 1)

**Special Protective Equipment and Precautions for Fire Fighters:**

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

**6 . ACCIDENTAL RELEASE MEASURES****Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear appropriate personal protective equipment.

**Environmental Precautions:**

In the event of a major spill, prevent spillage from entering drains or water courses.

**Methods and Materials for Containment and Cleaning Up:**

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal. Wash down spill area.

**7 . HANDLING AND STORAGE****Precautions for Safe Handling:** Use of safe work practices are recommended to avoid eye contact.**Conditions for Safe Storage:**

Store in a cool, dry and well ventilated area. Keep in original container tightly closed when not in use. Protect from freezing. Keep away from strong oxidisers. Protect container against physical damage.

**8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION****Exposure Standards:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Engineering Controls:** Ensure adequate ventilation of the working area.**Respiratory Protection:** Respiratory protection is not required under normal use conditions.**Skin Protection:** Skin protection is not required under normal use conditions.**Eye and Face Protection:** Eye protection is not required under normal use conditions.**9 . PHYSICAL AND CHEMICAL PROPERTIES****Appearance:**

<b>Form:</b>	Liquid
<b>Colour:</b>	Clear, colourless
<b>Odour:</b>	Slight almond odour
<b>Odour Threshold:</b>	Not determined.
<b>pH-Value:</b>	5.5-6.0
<b>Melting point/Melting range:</b>	Not determined
<b>Initial Boiling Point/Boiling Range:</b>	Not determined
<b>Flash Point:</b>	Not applicable
<b>Flammability:</b>	Product is not flammable.
<b>Auto-ignition Temperature:</b>	Product is not self-igniting.
<b>Decomposition Temperature:</b>	Not determined.
<b>Explosion Limits:</b>	
<b>Lower:</b>	Not applicable
<b>Upper:</b>	Not applicable
<b>Vapour Pressure:</b>	Not determined.
<b>Density:</b>	Not determined.
<b>Relative Density:</b>	Not determined.
<b>Vapour Density:</b>	Not determined.

(Contd. on page 3)

# SAFETY DATA SHEET

According to Safe Work Australia

Printing date 12.07.2016

Revision: 12.07.2016

Product Name: HANDS FIRST

(Contd. of page 2)

Evaporation Rate: Not determined.  
Solubility in Water: Soluble in water

## 10 . STABILITY AND REACTIVITY

**Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.

**Chemical Stability:** Stable at ambient temperature and under normal conditions of use.

**Conditions to Avoid:** No further relevant information available.

**Incompatible Materials:** Strong oxidising agents.

**Hazardous Decomposition Products:** No further relevant information available.

## 11 . TOXICOLOGICAL INFORMATION

**Toxicity:**

**LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:**

**8001-54-5 Benzalkonium chloride (+)**

Oral	LD50	240 mg/kg (rat)
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**Acute Health Effects**

**Inhalation:** No adverse effects expected.

**Skin:** Not expected to cause skin irritation.

**Eye:** Not expected to cause eye irritation.

**Ingestion:** May cause mild gastrointestinal irritation.

**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.

**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.

**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.

**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.

**Carcinogenicity:** This product does NOT contain any IARC listed chemicals.

**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Single Exposure:**

Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.

**Chronic Health Effects:** Not expected to be a hazard.

**Existing Conditions Aggravated by Exposure:** No information available

## 12 . ECOLOGICAL INFORMATION

**Persistence and Degradability:** This product is readily biodegradable.

## 13 . DISPOSAL CONSIDERATIONS

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.

**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

(Contd. on page 4)

# SAFETY DATA SHEET

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**Product Name: HANDS FIRST**

(Contd. of page 3)

### 14 . TRANSPORT INFORMATION

**UN Number**  
**ADG, IMDG** Not regulated  
**IATA** The product is not restricted according to the IATA Dangerous Goods Regulations.  
**Proper Shipping Name** Not regulated  
**Dangerous Goods Class** Not regulated  
**Packing Group:** Not regulated

### 15 . REGULATORY INFORMATION

#### Australian Inventory of Chemical Substances:

8001-54-5 Benzalkonium chloride (+)

**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**  
 Not Scheduled.

### 16 . OTHER INFORMATION

**Date of Preparation or Last Revision:** 12.07.2016**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.msds.com.au)

#### Abbreviations and acronyms:

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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

LC<sub>50</sub>: Lethal concentration, 50 percentLD<sub>50</sub>: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

#### Disclaimer

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011"

The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. Hands First / Moonscape Waterless makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.