

Issue Date: 16/07/2010

Last Revision Date: 29/10/2020

Superseded Date: 31/01/2017

Version Number: 04

SAFETY DATA SHEET

Product Code: HF200

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SECTION 1 PRODUCT IDENTIFICATION

Product Name: HANDS FIRST

Other Means of Identification: Mixture

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

SECTION 2 HAZARD 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

SECTION 3 COMPOSITION/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 (+)

⚠ Acute Tox. (Oral) 3, H301; Acute Tox. (Dermal) 3, H311; ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400

SECTION 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.

SECTION 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.

Special Protective Equipment and Precautions for Fire Fighters:

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

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SECTION 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.

SECTION 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.

SECTION 8 EXPOSURE CONTROLS/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.

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

Appearance:

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

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SECTION 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.

SECTION 11 TOXICOLOGICAL INFORMATION

Toxicity:

LD₅₀/LC₅₀ Values Relevant for Classification:

8001-54-5 Benzalkonium chloride (+)

| | | |
|------|------|-----------------|
| Oral | LD50 | 240 mg/kg (rat) |
|------|------|-----------------|

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

SECTION 12 ECOLOGICAL INFORMATION

Persistence and Degradability: This product is readily biodegradable.



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SECTION 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.

SECTION 14 TRANSPORT INFORMATION

UN Number

ADG, IMDG

IATA

Not regulated

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

SECTION 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.

SECTION 16 OTHER INFORMATION

Abbreviations and acronyms:

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

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)

END OF SDS