



HEALTH AND HYGIENE Safety Data Sheet

Product: F10 Hand Scrub

Revision Date: 20 October 2015

Revision Number: 002

Print date: 18 November 2015

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Product Name: F10 Hand Scrub

Relevant identified uses of the substance or mixture and uses advised against

Hand washing and decontamination

Details of the supplier of the safety data sheet

Company name: Health and Hygiene (Pty) Ltd

Full address: PO Box 906, Florida Hills 1716, South Africa.

Telephone number: +27 11 474-1668

E-mail address of competent person responsible for the SDS: info@healthandhygiene.co.za

Emergency telephone number

Emergency telephone number: +27 11 474-1668

Hours of operation: 8:00am to 4:30pm

Service is provided in the following language: English

SECTION 2: Hazards identification

GHS classification:

None

Hazard statements

None

SECTION 3: Composition/Information on ingredients

Ingredients

| Name | CAS Number | Proportion |
|--|------------|------------|
| Benzalkonium chloride | 68424-85-1 | 0.1-1 % |
| Polymeric Biguanide Hydrochloride | 27083-27-8 | 0.01-0.1 % |
| Ingredients determined not to be hazardous | | Balance |



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SECTION 4: First aid measures

Following contact with eyes

Rinse thoroughly with clean water or buffered eye wash for 15 minutes. Seek medical advice where necessary.

Following skin contact

None

Following inhalation

None

Following ingestion

Do not induce vomiting. Wash out mouth thoroughly with water.

Advice to Doctor

Treat symptomatically.

SECTION 5: Fire-fighting measures

Suitable Extinguishing media

Use appropriate fire extinguisher for surrounding environment.

Hazards from Combustion Products

Non-combustible material.

Specific Hazards Arising from the chemical

This product is non-combustible. However heating can cause expansion or decomposition leading to violent rupture of containers.

Special protective equipment and precautions for fire fighters

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. Fight fire from safe location



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SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

No special precautions are required. Dispose of waste according to the applicable local and national regulations.

Environmental precautions

If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

Methods and materials for containment and clean up

If possible contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable container. Do not dilute material but contain it

SECTION 7: Handling and storage

Precautions for safe handling

Avoid eye contact. Keep containers sealed when not in use.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated area, out of direct sunlight. Store in suitable, labelled containers. Keep containers tightly closed. Store away from incompatible materials. Ensure that storage conditions comply with applicable local and national regulation.

SECTION 8: Exposure controls/personal protection

Occupational exposure limit values

No exposure standards have been established for the mixture. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.

Biological Limit Values

No biological limits allocated



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Appropriate Engineering Controls

No engineering controls required

Respiratory Protection

Not required

Eye Protection

Not required

Hand Protection

Not required

SECTION 9: Physical and chemical properties

| | |
|------------------------------|--------------------|
| Appearance: | clear, red liquid. |
| Odour: | orange odour |
| Odour threshold: | not available |
| pH: | 6.8 |
| Melting point/freezing point | not available |
| Boiling point: | 100°C |
| Flash point: | not available |
| Evaporation rate | not available |
| Flammability: | not combustible |
| Vapour pressure: | not available |
| Vapour density (air=1) | not available |
| Density: | 1.02 |
| Solubility in water: | soluble |
| Partition coefficient | not known |
| Auto-ignition temperature | not available |
| Decomposition temperature | not available |
| Viscosity | 800mpa |

SECTION 10: Stability and reactivity

Chemical stability

Stable under normal conditions of storage and handling.



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Possibility of hazardous reactions

Stable under normal conditions of storage and handling

Conditions to Avoid

Do not mix with soaps and other chemicals.

Incompatible materials

Anionic detergents / chemicals.

Hazardous Decomposition Products

Not available

Possibility of hazardous reactions

Not available

SECTION 11: Toxicological information

This product does not contain any ingredients at levels classified as hazardous by GHS

Toxicity

| | |
|--|---|
| Acute Oral Toxicity: (Rat) | Not available |
| Acute Dermal Toxicity: (Rat) | Not available |
| Acute Eye Irritation | Not available |
| Acute Dermal Irritation | Not available |
| Acute Inhalation Toxicity | Not available |
| Skin Sensitization | Not available |
| Carcinogenicity, mutagenicity And toxicity for reproduction | Not considered to be carcinogenic, mutagenic or toxic to reproduction |

Symptoms related to the physical, chemical and toxicological characteristics

Ingestion

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

Inhalation

None

Skin

None



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Eye

None

Respiratory sensitisation

Not a respiratory sensitiser.

Skin Sensitisation

Not a skin sensitiser.

STOT-single exposure

Not expected to cause toxicity to a specific target organ.

STOT-repeated exposure

Not expected to cause toxicity to a specific target organ.

Aspiration Hazard

Not expected to be an aspiration hazard.

SECTION 12: Ecological information

Eco toxicity

The available ecological data is given below.

Persistence and degradability

Biodegradable

Mobility

Not mobile

Bioaccumulative Potential

Not available

Other Adverse Effects

Not available

Environmental Protection

Not available.

Acute Toxicity – Fish

Not available

Acute Toxicity – Daphnia

Not available



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SECTION 13: Disposal considerations

Soak up on an inert material e.g. dry earth and dispose of in an area approved by local authority.

SECTION 14: Transport information (according to SANS 10228 and 10229-1)

UN Number: None allocated

UN Proper Shipping Name: None allocated

Transport Hazard Classes

None allocated

IMDG Marine pollutant

No

SECTION 15: Regulatory information

Not classified as Hazardous according to SANS 10234:2008: Globally Harmonised System of Classification and labelling of Chemicals (GHS)

SECTION 16: Other information

16.1 Abbreviations and acronyms

| | |
|-------|---|
| CAS | Chemical Abstracts Service |
| PBT | Persistent, bio-accumulative and toxic |
| REACH | Registration, Evaluation and Authorisation of Chemicals |
| SDS | Safety Data Sheet |
| vPvB | Very persistent, very bio-accumulative |
| w/w | Weight by weight |
| GHS | Globally Harmonised System of Classification and labelling of Chemicals |



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Other Information

Date of preparation or last revision of SDS

SDS Created: October 2015. Prepared according to SANS 10234:2008: Globally Harmonized System of classification and labelling of chemicals (GHS)

References

SANS 10234:2008: Globally Harmonized System of classification and labelling of chemicals (GHS)

SANS 10234:2008: ANNEX C: Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice

SANS 10228: The identification and classification of dangerous goods for transport