



HEALTH AND HYGIENE Safety Data Sheet

Product: F10 Hand Gel

Revision Date: November 2020

Revision Number: 003

Print date: 04 November 2020

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

1.1 Product identifier

Product Name: F10 Hand Gel

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

F10 Hand Gel is used for hand decontamination

1.3. 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

1.4. 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

2.1. Classification of the substance or mixture

2.1.1 According to CLP Regulation (EC 1272/2008)

Hazard class	Hazard category	Classification procedure
Flammable liquid	3	CLP classification

2.2. Label elements

According to Regulation (EC 1272/2008)



Signal word:

Warning

Hazard statement:

H226 Flammable liquid and vapour



HEALTH AND HYGIENE Safety Data Sheet

Product: F10 Hand Gel

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2.3. Other hazards

F10 Hand Gel does not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH (Regulation (EC) No 1907/2006).

SECTION 3:

3.2. Mixtures

Composition/information on ingredients based on 100% pure material

Name	CAS number	Note: Typical % concentration in F10 Hand Gel
Ethanol	64-17-5 Flam. Liq. 2	20-30%
Alkyl dimethyl benzyl ammonium chloride	68424-85-1 Acute Tox. 4; Skin Corr. 1B; Acute Tox. 3	0.01 – 0.1%
Poly(hexamethylene biguanide) Hydrochloride	27083-24-8 Acute Tox 4; Eye Dam. 1; Skin Sens. 1B; Carc. 2	0.001 – 0.01%

SECTION 4: First aid measures

4.1. Description of first aid measures

If swallowed: Rinse mouth: Do Not induce vomiting.

If in eyes: Rinse cautiously with water for several minutes.

If on skin: None required

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

Eyes: None

Skin: None

Inhalation: None.

Ingestion: None

Environment: None

4.3. Indication of any immediate medical attention and special treatment needed

None



HEALTH AND HYGIENE Safety Data Sheet

Product: F10 Hand Gel

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SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Chemical foam, dry chemical, carbon dioxide, or water

5.2. Special hazards arising from the substance or mixture

No applicable hazards are known to be associated with this product

5.3. Advice for fire-fighters

Use self-contained breathing apparatus and full protective gear if large quantities of product are involved.

5.4. 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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Remove all sources of ignition. Ensure clean-up is conducted by trained personnel only.

6.1.2 For emergency responders

Use personal protective equipment

6.2. Environmental precautions

Do not flush into surface water or the sanitary sewer system or into bodies of water (e.g. streams).

6.3. Methods and material for containment and cleaning up

Soak up with an inert absorbent material, such as dry earth. Keep in suitable containers for disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

7.1.1 Protective measures

None required



HEALTH AND HYGIENE Safety Data Sheet

Product: F10 Hand Gel

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Measures to prevent fire

Store away from sources of ignition

Measures to prevent aerosol and dust generation

Not applicable.

Measure to protect the environment

Do not dispense into aquatic systems

7.1.2 Information on general occupational hygiene

Do not handle or store near food and beverages or smoking materials.

7.2. Conditions for safe storage, including any incompatibilities

Store under 30°C/86°F in dry conditions.

7.3. Specific end use(s)

No additional information for the specific end uses

SECTION 8: Exposure controls/personal protection

8.1. Occupational Exposure Limits:

No data available.

8.2. Engineering Control Measures

None required

8.3. Personal Protection

Respiratory – None required

Skin – None required.

Eye – None required



HEALTH AND HYGIENE Safety Data Sheet

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	a slightly viscous cloudy aqueous solution,
Odour:	an alcohol odour
pH:	6.5
Boiling point:	90°C
Flash point:	28 °C
Flammability:	flammable
Explosive properties:	not explosive
Oxidising properties:	none
Vapour pressure:	not known
Density:	0.95
Solubility-water:	soluble

9.2. Other information

Not applicable.

SECTION 10: Stability and reactivity

10.1. Reactivity.

Non-reactive under normal conditions.

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

None anticipated

10.4. Conditions to avoid

Do not mix with soaps and other chemicals.

10.5. Incompatible materials

Anionic detergents / chemicals.

10.6. Hazardous Decomposition Products

Not available



HEALTH AND HYGIENE

Safety Data Sheet

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicity	
Acute Oral Toxicity: (Rat)	No toxicity
Acute Dermal Toxicity: (Rat)	No toxicity
Acute Eye Irritation	None
Acute Dermal Irritation	None
Acute Inhalation Toxicity	No toxicity
Skin Sensitization	Not a skin sensitizer
Carcinogenicity, mutagenicity And toxicity for reproduction	None

11.2. Ingestion

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

11.3. Inhalation

None

11.4. Skin

None

11.5. Eye

None

11.6. Respiratory sensitisation

Not a respiratory sensitiser.

11.7. Skin Sensitisation

Not a skin sensitiser.

11.8. STOT-single exposure

Not expected to cause toxicity to a specific target organ.



HEALTH AND HYGIENE Safety Data Sheet

Product: F10 Hand Gel

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11.9. STOT-repeated exposure

Not expected to cause toxicity to a specific target organ.

11.10. Aspiration Hazard

Not expected to be an aspiration hazard.

SECTION 12: Ecological information

12.1. Eco toxicity Values:

Not Classified

12.2. Persistence and degradability

Not classified

12.3. Bioaccumulative potential

No known adverse effects from normal use.

12.4. Mobility in soil

F10 Hand Gel is immobile in soil.

12.5. Results of PBT and vPvB assessment

This product is not identified as a PBT substance.

12.6. Other adverse effects

Not know

12.7. Environmental Protection

Prevent this material entering waterways, drains and sewers.

12.8. Acute Toxicity – Fish

LC50 (fish): Not available

12.9. Acute Toxicity – Daphnia

LC50 (Daphnia): Not available

SECTION 13: Disposal considerations

13.1. Disposal methods

Dispose of in accordance with local regulations.



HEALTH AND HYGIENE Safety Data Sheet

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Do not dispose of into sewage systems or surface waters.

SECTION 14: Transport information

Transport Information

UN Number: 1987

Class: 3

Shipping name: Alcohol n.o.s.

Packing group: III

SECTION 15: Regulatory information

15.1. Chemical Safety Assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

SECTION 16: Other information

16.1 Abbreviations and acronyms

CAS	Chemical Abstracts Service
CLP	Classification, labelling and packaging (Regulation (EC) No 1272/2008)
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

16.2 Additional Information

SDS Created: November 2020. Prepared according to According to CLP Regulation (EC 1272/2008)

Full text of H-Statements referenced in Section 2 and 3



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H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour

16.3 Training advice

Companies utilising this product must ensure that the relevant personnel read, understand and apply the requirements of this data sheet.

16.4 Disclaimer

The information on this data sheet is based on the current available knowledge and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging.