



HEALTH AND HYGIENE Safety Data Sheet

Product: F10 Hand Gel 70% alcohol

Revision 8 September 2020

Revision Number: 002

Print date: 10 September 2020

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

Product identifier

Product Name: F10 Hand Gel 70% alcohol

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

F10 Hand Gel is used for hand 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

Signal word

Warning

Hazard class	Hazard category	Classification procedure
Flammable liquid	2	GHS classification
Eye irritation	2	GHS classification



Hazard statements

H225 Highly flammable liquid and vapour

H336 Causes serious eye irritation

Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking

P233 Keep container tightly closed

P370+P378 In case of fire, use water, carbon dioxide or dry chemical for extinction

P403+P235 Store in a well ventilated place and keep cool.

P501 Dispose of contents/container in accordance with local regulations



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SECTION 3: Composition/information on ingredients

Ingredients

Name	CAS number	Proportion
Alkyl Dimethyl Benzyl Ammonium chloride	68424-85-1	0.01 – 0.1%
Poly (hexamethylene Biguanide) Hydrochloride	27083-27-8	0.001 – 0.01%
Ethanol	64-17-6	70-80%%
Ingredients not determined to be hazardous		To 100%

SECTION 4: First aid measures

4.1. Description of first aid measures

Following contact with eyes

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for at least 15 minutes, or until advised to stop by the Poisons Information Centre or a doctor, Seek immediate medical attention.

Following skin contact

None required

Following inhalation

Move the person to fresh air.

Following ingestion

Do not induce vomiting. Give milk or water to drink. Seek medical advice where necessary.

First Aid Facilities

Eye wash, safety shower and normal washroom facilities.

Advice to Doctor

Treat symptomatically.

Other information

For advice in an emergency, contact a Poison Information Centre or a doctor at once (131 126).

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

Eyes: None

Skin: None



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Inhalation: None

Ingestion: None

Environment: None

SECTION 5: Fire-fighting measures

Suitable Extinguishing media

Chemical foam, dry chemical, carbon dioxide, or water.

Hazards from combustion products

Flammable

Specific hazards arising from the chemical

No applicable hazards are known to be associated with this product

Decomposition Temperature

Not available

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

Personal precautions, protective equipment and emergency procedures

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

Environmental precautions

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



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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 Limits:

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

Engineering Control Measures

No engineering controls required

Respiratory Protection

No respiratory protection required

Eye Protection

None required

Hand Protection

None required.



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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:	alcohol odour
Odour threshold:	not available
pH:	6.5
Melting point/freezing point	not available
Boiling point:	85°C
Flash point:	not available
Evaporation rate	not available
Flammability:	flammable
Vapour pressure:	not available
Vapour density (air=1)	not available
Density:	0.9
Solubility in water:	soluble
Partition coefficient	not known
Auto-ignition temperature	not available
Decomposition temperature	not available
Viscosity	300mpa

SECTION 10: Stability and reactivity

Chemical stability

Stable under normal conditions

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



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SECTION 11: Toxicological information

Toxicity	
Acute Oral Toxicity: (Rat)	None
Acute Dermal Toxicity: (Rat)	None
Acute Eye Irritation	None
Acute Dermal Irritation	None
Acute Inhalation Toxicity	None
Skin Sensitization	Not a skin sensitizer
Carcinogenicity, mutagenicity And toxicity for reproduction	Not considered to be carcinogenic, mutagenic or toxic to reproduction

Ingestion

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

Inhalation

None

Skin

None

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.



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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

Prevent this material entering waterways, drains and sewers.

Acute Toxicity – Fish

LC50 (fish): Not available

Acute Toxicity – Daphnia

LC50 (Daphnia): Not available

SECTION 13: Disposal considerations

The disposal of the spill waste material must be done in accordance with applicable local and national regulations

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

UN Number: 1987

UN Proper Shipping Name: Alcohol n.o.s

Transport Hazard Classes

Class: Flammable liquid

IMDG Marine pollutant

No



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SECTION 15: Regulatory information

Classified as Hazardous according to SANS 10234:2008: Globally Harmonised System of Classification and labelling of Chemicals (GHS)

SECTION 16: Other information

Abbreviations and acronyms

CAS	Chemical Abstracts Service
PBT	Persistent, bio-accumulative and toxic
REACH	Registration, Evaluation and Authorisation of Chemicals
SDS	Safety Data Sheet
w/w	Weight by weight

Other Information

Date of preparation or last revision of SDS

SDS Created: January 2020. 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

SANS 11014: 2010 Safety data sheet for chemical products – Content and order of sections.