



# HEALTH AND HYGIENE Safety Data Sheet

**Product: F10 Hand Gel**

Revision Date: 27 October 2020

Revision Number: 006

Print date: 27 October 2020

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

### Product identifier

Product Name: F10 Hand Gel

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

F10 Hand Gel is used for hand decontamination.

### Australian Distributor

Chemical Essentials  
PO Box 1369, Mitcham North VIC 3132, Australia

Telephone number: + 61 3 9761 6382  
Fax: + 61 3 8648 0635  
E-mail: [chemicalessentials@bigpond.com](mailto:chemicalessentials@bigpond.com)  
Web: [www.chemicalessentials.com.au](http://www.chemicalessentials.com.au)

### 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](mailto: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	3	GHS classification





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## **Hazard statement**

H226: Flammable liquid and vapour

## **Precautionary statements**

P210 Keep away from flames and hot surfaces. – No smoking.

## **Precautionary statements – Response**

P233 Keep container tightly closed

P370 + P378 In case of fire: Use a fire fighting agent suitable for flammable liquids such as water, dry chemical or carbon dioxide to extinguish

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

P501 Dispose of contents/container in accordance with local regulations

## **SECTION 3: Composition/Information on ingredients**

### **Ingredients**

<b>Name</b>	<b>CAS number</b>	<b>Proportion</b>
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	35%
Ingredients not determined to be hazardous		To 100%

## **SECTION 4: First aid measures**

### **4.1. Description of first aid measures**

#### ***Following contact with 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.



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### ***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

**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

### **Precautions in connection with the fire**

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

#### 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.

#### 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

#### Appropriate Engineering Controls

No engineering controls required



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### Respiratory Protection

No respiratory protection required

### Eye Protection

None required

### Hand Protection

None required

## SECTION 9: Physical and chemical properties

Appearance:	a slightly viscous cloudy aqueous solution.
Odour:	slight natural odour
Odour threshold:	not available
pH:	6.5
Melting point/freezing point	not available
Boiling point:	100°C
Flash point:	28°C
Evaporation rate	not available
Flammability:	flammable
Vapour pressure:	not available
Vapour density (air=1)	not available
Density:	1.0
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 of storage and handling.

### Reactivity and Stability

Stable under normal conditions of storage and handling

### Conditions to Avoid

Do not mix with soaps and other chemicals.



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### Incompatible materials

Anionic detergents / chemicals.

### Hazardous Decomposition Products

Not available

### Possibility of hazardous reactions

Not available

### Hazardous Polymerization

No hazardous polymerisation

## 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 expected to be a respiratory sensitiser.



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### **Skin Sensitisation**

Not expected to be a skin sensitiser.

### **Germ cell mutagenicity**

Not considered to be a mutagenic hazard.

### **Carcinogenicity**

Not considered to be a carcinogenic hazard.

### **Reproductive Toxicity**

Not considered to be toxic to reproduction

### **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**

Prevent this material entering waterways, drains and sewers.



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### Acute Toxicity – Fish

LC50 (fish): Not known

### Acute Toxicity – Daphnia

LC50 (Daphnia): Not known

## SECTION 13: Disposal considerations

The disposal of the spill waste material or empty used container must be done in accordance with applicable local and national regulations.

## SECTION 14: Transport information

### Transport Information

Road and Rail Transport (ADG Code):

UN Number: 1987

Class: 3

Shipping name: Alcohol n.o.s.

Packing group: III

### Marine Transport (IMO/IMDG):

UN Number: 1987

Class: 3

Shipping name: Alcohol n.o.s.

Packing group: III

### Air Transport (ICAO/IATA):

UN Number: 1987

Class: 3

Shipping name: Alcohol n.o.s.

Packing group: III

### Transport hazard class(es)

Class 3: Flammable liquid

### IMDG Marine pollutant

No





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### SECTION 15: Regulatory information

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHA) including Work, Health and Safety regulations, Australia.

#### Poisons

Not scheduled

### 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

#### Other Information

##### Date of preparation or last revision of SDS

SDS Created: October 2020

##### References

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants, Safe work Australia

American Conference of Industrial Hygienists (ACGIH)

Globally Harmonised System of classification and labelling of chemical