SECTION 1: Identification

1.1 Product identifier

Product name : FORCE 7
Product form : Mixture

1.2 Other means of identification

Other means of identification : Liquid Sanitising Complex for Farm Disinfection.

1.3 Recommended use of the chemical and restrictions on use

Recommended use : Industrial Sanitising Agent
Restrictions on use : For Industrial Use Only

1.4 Details of manufacturer or importer

MANUFACTURER
KERSIA AUSTRALIA PTY LTD
4 KINGSTON PARK COURT
KNOXFIELD VICTORIA 3180
AUSTRALIA
T +61 3 9765 9800 - F +61 3 9763 9243
aus-sales@kersia-group.com - https://www.kersia-group.com/

NZ DISTRIBUTOR
HYGIENE TECHNOLOGIES LTD
28 RANGITANE ROAD
WHAKATU, HASTINGS, 4180
NEW ZEALAND
+64 6876 4111
info@hygienetech.co.nz

1.5. Emergency phone number

Emergency number :1300 767 872(AU)
: +65 31652217 (Regional)
NZ – National Poisons Centre :0800 764 766

SECTION 2: Hazard identification

2.1. Classification of the hazardous chemical

Classification according to the Environmental Protection Authority notices (EPA Hazardous Substances and New Organisms Act 1996)

Acute toxicity (oral), Category 4	H302
Skin corrosion/irritation, Category 1B	H314
Serious eye damage/eye irritation, Category 1	H318
Respiratory sensitisation, Category 1	H334
Skin sensitisation, category 1A	H317
Hazardous to the aquatic environment – Chronic Hazard, Category 3	H412

2.2. GHS Label elements, including precautionary statements

GHS NZ labelling

Hazard pictograms (GHS NZ) :



Signal word (GHS NZ) : Danger
Contains : Glutaraldehyde (10 – 30 %); Didecyldimethyl Ammonium Chloride (1 – 10 %)
Hazard statements (GHS NZ) : H302 - Harmful if swallowed
H314 - Causes severe skin burns and eye damage
H317 - May cause an allergic skin reaction
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
H412 - Harmful to aquatic life with long lasting effects
Prevention : P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P264 - Wash hands, forearms and face thoroughly after handling.

		P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection. P284 - Wear respiratory protection.
Response	:	P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water . P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER or doctor. P321 - Specific treatment (see supplemental first aid instruction on this label). P330 - Rinse mouth. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor. P362+P364 - Take off contaminated clothing and wash it before reuse. P363 - Wash contaminated clothing before reuse.
Storage	:	P405 - Store locked up.
Disposal	:	P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

The mixture does not contain substance identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. in concentration greater than 0.1%.

SECTION 3: Composition and information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to GHS NZ
Glutaraldehyde	CAS-No.: 111-30-8	10 – 30	Acute Tox. 3 (Oral), H301 Acute Tox. 2 (Inhalation), H330 Skin Corr. 1B, H314 Resp. Sens. 1, H334 Skin Sens. 1A, H317 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Alkyldimethyl Benzylammonium Chloride	CAS-No.: 8001-54-5	1 – 10	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Aquatic Chronic 1, H410
Didecyldimethyl Ammonium Chloride	CAS-No.: 7173-51-5	1 – 10	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched	69011-36-5	1 - 10	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Other Substances(not contributing to classification of this product)	-	40 – 87	-

SECTION 4: First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : Call a physician immediately.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.
First-aid measures after skin contact : IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. In case of skin burns: Immediately flood the burnt area with plenty of water and do not remove the chemical or the clothing. Call a physician immediately.
First-aid measures after eye contact : Rinse immediately with plenty of water. Call a physician immediately. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Call a physician immediately.

4.2. Symptoms caused by exposure

Symptoms/effects after inhalation : May cause allergy or asthma symptoms or breathing difficulties if inhaled. None under normal use.
Symptoms/effects after skin contact : Burns. May cause an allergic skin reaction.
Symptoms/effects after eye contact : Serious damage to eyes.
Symptoms/effects after ingestion : Burns.

4.3. Medical attention and special treatment

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : Product does not burn, use fire control measures appropriate for the surrounding fire. Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard : No fire hazard.
Explosion hazard : No direct explosion hazard.
General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage. No action shall be taken without appropriate training or involving any personal risk.
Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. Exercise caution when fighting any chemical fire. Keep upwind.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Hazchem Code : 2X

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage. No action shall be taken without appropriate training or involving any personal risk.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.

6.1.2. For emergency responders

Protective equipment	:	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	:	Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and materials for containment and cleaning up

For containment	:	Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
Methods for cleaning up	:	Take up liquid spill into absorbent material.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	:	Not expected to present a significant hazard under anticipated conditions of normal use.
Precautions for safe handling	:	Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.
Hygiene measures	:	Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	:	Keep in a cool, well-ventilated place away from heat.
Storage conditions	:	Store locked up.
Information on mixed storage	:	Store away from incompatible materials and products. Refer to the detailed list of incompatible materials in section 10 Stability/Reactivity.
Storage area	:	Keep out of direct sunlight.
Special rules on packaging	:	Position containers so that any labelling information is visible. Keep packaging closed when not in use. Check containers and packaging regularly for leaks and damage.
Packaging materials	:	Store always product in container of same material as original container.

SECTION 8: Exposure controls and personal protection

8.1. Control parameters - exposure standards

No additional information available

Exposure limit values for the other components

No additional information available

8.2. Monitoring methods

Monitoring methods	:	Workplace exposure - General requirements for the performance of procedures for the measurement of chemical agents.

8.3. Engineering controls

Appropriate engineering controls	:	Ensure good ventilation of the work station.

8.4. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment	:	Personal protective equipment (PPE) must be suited to the nature of the work and any hazard associated with the work as identified by the risk assessment conducted. Avoid all unnecessary exposure. Safety shower with an appropriate liquid. Ocular shower with suitable liquid.
Hand protection	:	Wear gloves resistant to chemical penetration: Polyvinylchloride (PVC), Nitrile rubber (NBR), Butyl rubber (IIR)
Eye protection	:	Eye protection is provided by the respiratory protection (see section)

Skin and body protection	:	Wear foot protection: Chemical resistant boots. Wear protective clothing: Impervious clothing. Use protective apron: Chemical resistant apron
Respiratory protection	:	Wear appropriate mask: Full face mask

Personal protective equipment symbol(s)



Environmental exposure controls	:	Avoid release to the environment.
Other information	:	The following Australian and New Zealand Standards will provide general advice regarding safety clothing and equipment: Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Industrial Clothing: AS2919, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210. PPE compliant with the recommended standards should be selected.

SECTION 9: Physical and chemical properties

Physical state	:	Liquid
Appearance	:	Clear.
Colour	:	colourless amber
Odour	:	Sweet characteristic
Odour threshold	:	No additional information available
pH	:	4.5 – 6.5
Evaporation rate	:	No additional information available
Relative evaporation rate (butylacetate=1)	:	No data available
Melting point / Freezing point	:	Melting point: Not applicable Freezing point: ≈ 0 °C
Boiling point	:	≈ 100 °C
Flash point	:	No data available
Auto-ignition temperature	:	No data available
Flammability	:	Non flammable.
Vapour pressure	:	No additional information available
Relative density	:	No additional information available
Density	:	Relative density: 1.01 – 1.04
Solubility	:	Miscible with water.
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Viscosity, dynamic	:	No data available
Explosive properties	:	No data available
Explosive limits	:	No additional information available
Minimum ignition energy	:	No data available

SECTION 10: Stability and reactivity

Reactivity	:	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reactions known under normal conditions of use.
Conditions to avoid	:	None under recommended storage and handling conditions (see section 7).
Incompatible materials	:	Do not mix with : Strong bases. Strong oxidizers.
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Toxicity

Acute toxicity (oral)	:	Harmful if swallowed.
Acute toxicity (dermal)	:	Not classified
Acute toxicity (inhalation)	:	

FORCE 7	
ATE NZ (oral)	751.834 mg/kg bodyweight

Skin corrosion/irritation : Causes severe skin burns.
pH: 4.5 – 6.5

Serious eye damage/irritation : Causes serious eye damage.

Respiratory or skin sensitisation : May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

Glutaraldehyde (111-30-8)	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Ecotoxicity

Ecology - general : Harmful to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short–term (acute) : Not classified.

Hazardous to the aquatic environment, long–term (chronic) : Harmful to aquatic life with long lasting effects.

Soil toxicity : Not classified

Terrestrial vertebrate toxicity : Not classified

Terrestrial invertebrate toxicity : Not classified

12.2. Persistence and degradability

FORCE 7	
Persistence and degradability	Rapidly degradable

Glutaraldehyde (111-30-8)	
Persistence and degradability	Rapidly degradable

Alkyldimethyl Benzylammonium Chloride (8001-54-5)	
Persistence and degradability	Rapidly degradable

Didecyldimethyl Ammonium Chloride (7173-51-5)	
Persistence and degradability	Rapidly degradable

12.3. Bioaccumulative potential

FORCE 7	
Bioaccumulative potential	No additional information available

12.4. Mobility in soil

FORCE 7	
Mobility in soil	No additional information available

12.5. Other adverse effects

Ozone : Not classified

Other adverse effects : No additional information available

SECTION 13: Disposal considerations

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations : Disposal must be done according to official regulations.
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.
Additional information : Do not re-use empty containers.

SECTION 14: Transport information

IMDG	IATA	UNRTDG
14.1. UN number		
1760	1760	1760
14.2. UN Proper Shipping Name		
CORROSIVE LIQUID, N.O.S. (GLUTERALDEHYDE + QUATERNARY AMMONIUM COMPOUNDS)	Corrosive liquid, n.o.s. (GLUTERALDEHYDE + QUATERNARY AMMONIUM COMPOUNDS)	CORROSIVE LIQUID, N.O.S. (GLUTERALDEHYDE + QUATERNARY AMMONIUM COMPOUNDS)
Transport document description		
UN 1760 CORROSIVE LIQUID, N.O.S. (GLUTERALDEHYDE + QUATERNARY AMMONIUM COMPOUNDS), 8, III	UN 1760 Corrosive liquid, n.o.s. (GLUTERALDEHYDE + QUATERNARY AMMONIUM COMPOUNDS), 8, III	UN 1760 CORROSIVE LIQUID, N.O.S. (GLUTERALDEHYDE + QUATERNARY AMMONIUM COMPOUNDS), 8, III
14.3. Transport hazard class(es)		
8	8	8
		
14.4. Packing group		
III	III	III
14.5. Environmental hazards		
Dangerous for the environment: No Marine pollutant: Yes	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available		

14.6. Special precautions for user

Transport by road and rail

Special provisions (UN RTDG) : 223, 274
Limited quantities (UN RTDG) : 5L
Excepted quantities (UN RTDG) : E1
Packing instruction (UN RTDG) : P001, IBC03, LP01
Portable tank and bulk container special instructions (UN RTDG) : T7
Portable tank and bulk container special provisions (UN RTDG) : TP1, TP28

Transport by sea

Special provisions (IMDG) : 223, 274
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : P001, LP01
IBC packing instructions (IMDG) : IBC03
Tank instructions (IMDG) : T7
Tank special provisions (IMDG) : TP1, TP28
EmS-No. (Fire) : F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE

EmS-No. (Spillage)	:	S-B - SPILLAGE SCHEDULE Bravo - CORROSIVE SUBSTANCES
Stowage category (IMDG)	:	A
Stowage and handling (IMDG)	:	SW2
Properties and observations (IMDG)	:	Causes burns to skin, eyes and mucous membranes.

Air transport

PCA Excepted quantities (IATA)	:	E1
PCA Limited quantities (IATA)	:	Y841
PCA limited quantity max net quantity (IATA)	:	1L
PCA packing instructions (IATA)	:	852
PCA max net quantity (IATA)	:	5L
CAO packing instructions (IATA)	:	856
CAO max net quantity (IATA)	:	60L
Special provisions (IATA)	:	A3, A803
ERG code (IATA)	:	8L

14.7. Transport in bulk according to IMO instruments

Not applicable

14.8. Hazchem or Emergency Action Code

Hazchem Code : 2X

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product in question

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Issue date	:	12/09/2025
Date of revision	:	12/09/2025

Data sources	:	Safe Work Australia- Code of Practice- Preparation of Safety Data Sheets for Hazardous Chemicals Safe Work Australia- Code of Practice- Labelling of Workplace Hazardous Chemicals NICNAS- Australian Inventory of Chemical Substances (AICS) NICNAS- Relevant Chemical Assessment Reports Safe Work Australia- Workplace Exposure Standards for Airborne Contaminants United Nations- Globally Harmonised System of Classification and Labelling of Chemicals (GHS) Safe Work Australia- Hazardous Substances Information System (HSIS) The National Transport Commission- Australian Dangerous Goods Code (ADG Code) Relevant Raw Material Suppliers- Component Safety Data Sheets. Safe Work Australia - Code of Practice - Preparation of Safety Data Sheets for Hazardous Chemicals Safe Work Australia - Code of Practice - Labelling of Workplace Hazardous Chemicals Safe Work Australia - Workplace Exposure Standards for Airborne Contaminants Safe Work Australia - Hazardous Chemical Information System (HCIS) Australian Inventory of Industrial Chemicals (AICIS Inventory) Environmental Protection Authority - Hazardous Substances (Hazard Classification) Notice 2020 Environmental Protection Authority - Hazardous Substances (Safety Data Sheets) Notice 2017 Environmental Protection Authority - Hazardous Substances (Labelling) Notice 2017 New Zealand - Chemical Classification and Information Database (CCID) New Zealand - Inventory of Chemicals (NZIoC) European Chemicals Agency (ECHA) - Annex VI (C&L Inventory) European Chemicals Agency (ECHA) - REACH Study Results European Chemicals Agency (ECHA) - REACH Registration Dossiers United Nations - Globally Harmonised System of Classification and Labelling of Chemicals (GHS) Uniform Scheduling of Medicines and Poisons (SUSMP) United Nations Recommendations on the Transport of Dangerous Goods (UNRTDG Model Regulation) Australian Dangerous Goods Code (ADG Code) International Air Transport Association Dangerous Goods Regulations (IATA DGR) International Maritime Dangerous Goods (IMDG Code).
Other information	:	EMERGENCY CONTACT NUMBER (Exposure and Environment): 1300 767 872. The information herein is to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions of application are beyond our control Kersia Australia Pty Ltd and its associated companies do not accept liability for any damages resulting from the use of, or reliance on, this information in inappropriate contexts.

Full text of H-statements	
Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Resp. Sens. 1	Respiratory sensitisation, Category 1
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Sens. 1A	Skin sensitisation, category 1A
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
H301	Toxic if swallowed
H302	Harmful if swallowed

Full text of H-statements	
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H330	Fatal if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

Safety Data Sheet (SDS), New Zealand

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.