SAFETY DATA SHEET

FORCE® ULTRA

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND COMPANY

1.1 Identifiers

Product name: **Force® Ultra**

1.2 Recommended use of the chemical and restrictions on use

Product Use: Agricultural/horticultural surfactant additive for spray mixtures

1.3 Supplier contact details:

Company name: Sipcam New Zealand Limited
Address: 20 Jean Batten Drive Mt Maunganui, 3116
Telephone: 0800 220 002
Email: info@sipcam.co.nz

Emergency telephone number (24 hours) 0800 CHEMCALL (0800 243 622)

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the Hazardous Chemical

Hazardous substance according to Hazardous Substances and New Organisms (HSNO) Act 1996
HSNO Substance Approval: HSR002503
Classifications: Acute inhalation toxicity Category 4, Serious eye damage Category 1, Hazardous to the aquatic environment chronic Category 2.

2.2 Label elements:

Pictograms:



Signal Word: DANGER

Hazard statements:

H319	Causes serious eye damage.
H332	Harmful if inhaled.
H411	Toxic to aquatic life with long lasting effects.

Additional labelling statements required under Hazardous Substances (Labelling) Notice 2020

Precautionary statements:

Prevention

P102	Keep out of reach of children.
P103	Read label before use.
P261	Avoid breathing mist/vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear eye protection/face protection.
Response	
P101	If medical advice is needed, have product container or label at hand.
P304 + P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
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 CENTRE or doctor.
P391	Collect spillage.
Storage	
-	.
Disposal	
P501	Dispose of contents/container in accordance with local regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS	Proportion % w/w
Polyalkyleneoxide Modified Heptamethyltrisiloxane	134180-76-0	90-95%
2-Propanol	67-63-0	5-10%

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General Information:

For advice call the National Poison Centre, telephone 0800 POISON [0800 764 766].

Have product container or label at hand.

Ingestion: If swallowed, rinse mouth with water. Call a POISON CENTRE or doctor for advice if you feel unwell.

Skin Contact: Wash skin with plenty of soap and water. If skin irritation occurs get medical advice.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IMMEDIATELY call a POISON CENTRE or doctor.

Inhalation: Remove person to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor if you feel unwell.

4.2 Symptoms caused by exposure

Unlikely to cause harmful effects under normal conditions of handling and use.

4.3 Medical attention and special treatment

Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media

Use water spray or fog, alcohol-resistant foam, CO2 or dry chemical as appropriate for surrounding materials. Do not use a full water jet. Contain extinguishing media to prevent runoff into drains, sewers, waterways.

5.2 Specific hazards arising from the chemical

Fire decomposition products may be toxic/harmful and/or irritating if inhaled.
Evacuate people to safe area upwind of fire.

5.3 Special protective equipment and precautions for fire fighters

Wear full personal protective equipment including with self-contained breathing apparatus (SCBA).
Contain run-off to prevent run-off to sewers and waterways.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Have this SDS available. In the event of a spill, wear appropriate protective clothing and eye/hand protection. Wash contaminated personal protective equipment and clothing and dry before re-use.

6.2 Environmental precautions

Prevent spillage from entering drains or waterways. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

6.3 Methods and materials for containment and cleaning up

Contain spilled material. For small liquid spills, use absorbent material such as sand, soil, vermiculite and recover into labelled drums that can be sealed for safe disposal. For large liquid spills, recover liquid into labelled containers then absorb remaining liquid and transfer to drums for disposal. Clean area with water and detergent.
Dispose of contaminated materials to approved landfill in accordance with local regulations.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Read the label before use. Use only outdoors or in well-ventilated area.
When mixing product avoid inhalation of mist/vapours/spray. Wear protective equipment such as coat/trouser (overalls), boots, gloves and eye protection.
Wash hands and exposed skin with soap and water after handling and before rest or meal breaks.
Do not eat, drink or smoke when using.

7.2 Conditions for safe storage

Store securely in the closed original packaging out of reach of children and in a dry, cool, well-ventilated area and out of direct sunlight. Keep away from sources of heat, food, drink and animal feedstuffs.
Storage of 1000 L or more of this product requires an emergency response plan, secondary containment and signage.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters – exposure standards, biological monitoring

Ingredient	TWA (mg/m^3)	STEL (mg/m^3)
2-Propanol	400 ppm 983 mg/m3	500 ppm 1230 mg/m3

8.2 Engineering controls

Use only outdoors or in a well-ventilated area.

8.3 Personal protective equipment (PPE)

The following Standards provide general advice regarding safety clothing and equipment: Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: **AS/NZS 4501**, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

Eye/Face Protection: Wear chemical resistant eye protection/face protection.

Skin Protection: Wear impervious chemical resistant gloves (e.g. nitrile, butyl), coveralls, socks and chemical resistant footwear. For overhead spray exposure, wear chemical resistant headgear. Ensure all skin areas are covered.

Respirator: Use only outdoors or in well-ventilated area. Where product is being sprayed and a mist could be produced a respirator should be worn. It should be fitted with a cartridge, suitable for particulates.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Pale yellow liquid
Odour	Ether
Odour threshold	Not known
pH	6.0~8.0
Melting/Freezing Point	No data
Boiling Point /Range	No data
Flash point	~118 ^{o}C
Flammability (solid, gas)	Not applicable
Upper/lower flammability or explosive limits	Not applicable
Vapour Pressure	No data
Vapour density	No data
Specific gravity/bulk density	~1.02
Solubility	Soluble in water
Partition Co-efficient n-octanol/water	No data
Auto-ignition temperature	No data
Decomposition temperature	No data
Viscosity	19.6 mm/s (40^{o}C)
Particle characteristics	No data

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

This product is unlikely to react or decompose under normal storage conditions.

10.2 Chemical stability

Stable under normal temperatures and pressure for storage and use.

10.3 Conditions to Avoid

Avoid storage in direct sunlight or exposure to heat.

10.4 Incompatible materials and possible hazardous reactions

Incompatible with explosives, oxidising agents, and organic peroxides.

10.5 Hazardous decomposition products

Fire Decomposition: Smoke, carbon and silicon oxides and other unspecified compounds.

10.6 Polymerisation

Not known to occur.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Health hazard information

The product is classified for health hazards according to an assessment of information on product.

11.2 Toxicological information

Acute toxicity:	Classified as harmful if inhaled.
Skin corrosion/irritation	Not classified.
Serious eye damage/irritation	Causes serious eye damage.
Respiratory or skin sensitisation	Not classified.
Germ cell mutagenicity:	No ingredients in product identified as presumed or suspected mutagens.
Carcinogenicity	No ingredients in product identified as presumed or suspected carcinogens.
Reproductive toxicity	No ingredients in product identified suspected of damaging fertility or the unborn child.
Specific target organ toxicity – single/repeated exposure	No ingredients identified for specific target organ toxicity.
Narcotic effects	Product contains no ingredient identified as causing narcotic effects.
Aspiration Hazard	Not classified
11.3 Toxicological data:	Inhalation, LC50 4 hr 1.5 mg/L in air (mist – calculated from point estimate)

SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity

This product is classified as toxic to aquatic life with long lasting effects.

12.2 Environmental Fate

Breakdown in soil and groundwater: No data

Bioaccumulation: No data

Partition coefficient (octanol/water): No data

Soil mobility: No data

12.3 Ecotoxicity data: No data

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Product Disposal

Refer to product label. If possible, dispose of by using according to the label. Otherwise dispose of to an approved landfill in accordance with local regulations.

13.2 Container Disposal

Refer to product label. Do not use packaging for storage of other products. Empty packaging should be disposed of to an approved recycler or crushed and sent to approved landfill.

SECTION 14: TRANSPORT INFORMATION

Road and Rail Transport:

Classified as Dangerous Good Class 9 according to NZS5433 Transport of Dangerous Goods on Land

Marine Transport (IMO/IMDG):
Classified as Dangerous Good Class 9 by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport (ICAO/IATA):
Classified as Dangerous Good Class 9 by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulation for transport by air.

UN Number:	3082
UN Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (POLYALKYLENEOXIDE MODIFIED HEPTAMETHYLTRISILOXANE 90-95%)
Transport hazard class(es)	9
Packing Group:	III
HAZCHEM:	3Z
Special Precautions for User:	-
IMDG Marine pollutant:	YES
Transport in Bulk:	Not available

SECTION 15: REGULATORY INFORMATION

15.1 HSNO Act 1996

Hazardous substance according to Hazardous Substances (Hazard Classification) Notice 2020.

Approval number:	HSR002503. Refer to controls on www.epa.govt.nz for complete wording for variation Controls.
Tolerable exposure limits:	No TEL set
Environmental exposure limits:	No EEL set
International agreements:	Not applicable
HSW (HS) Regulations 2017	Refer to HS Notices (www.epa.govt.nz) and HSW HS Regulations (www.worksafe.govt.nz)
Certified Handler certificate:	Not applicable
Location Certificate:	Not applicable
Signage trigger quantity (Schedule 3):	1000 L
Emergency Response Plan trigger quantity (Schedule 5):	1000 L
Secondary Containment trigger quantity (Schedule 16):	1000 L
Tracking (Schedule 26):	Not applicable
Record Keeping:	A record of application records is required in certain circumstances. Refer to section 48 of Hazardous Substances (Hazardous Property Controls) Notice 2017
Workplace exposure limits:	Not applicable
ACVM Act 1997	Exempt from registration

SECTION 16: OTHER INFORMATION

16.1 Date of preparation or last revision of SDS

SDS issued	21 August 2026
SDS supersedes	21 August 2023
Reason issued	Changed to Sipcam

16.2 ABREVIATIONS

ADI	Acceptable Daily Intakes
CAS number	Chemical Abstracts Service Registry Number
CCID	Chemical Classification Identification Database
EPA	Environmental Protection Authority
ErC_{50}	Half maximal Effective Concentration
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
HSNO	Hazardous Substances and New Organisms
HS	Health and Safety
HSR	Hazardous Substances Register
IARC	International Agency for Research on Cancer
LC_{50}	Median Lethal Concentration
LD_{50}	Median Lethal Dose
SDS	Safety Data Sheets
NOAEL	No Observable Adverse Effect Level
NOEL	No Observable Effect Level
NOS	Not otherwise specified
STEL	Short Term Exposure Limit
SWA	Safety Work Australia
TWA	Time-Weighted Average
UN Number	United Nations Number

16.3 REFERENCES

ECHA - The European Chemicals Agency
EPA CCID and Approved Substance databases
PPDB- Pesticides Properties Database

16.4 OTHER

FORCE is a tradename of Sipcam New Zealand Ltd

Information contained in this Safety Data Sheet is provided in good faith and is believed to be correct at the date hereof. However, it's expected that individuals receiving the information will exercise independent judgement in determining its appropriateness for a particular purpose. Sipcam New Zealand Ltd makes no representation whatsoever as to the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability whatsoever, whether with respect to negligence or otherwise, and no responsibility as permitted by law for any loss or damage arising from or connection with the supply or use of the information in this Safety Data Sheet.

End of Safety Data Sheet