

SAFETY DATA SHEET



CONQUER

ACTICHEM PTY LTD

Catalogue number: AP462

Version No: 3.2

Issue date: 15/10/2024

Safety Data Sheet according to WHS and ADG requirements

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product Identifier

Product name	CONQUER
Product code	AP462
Pack sizes	500ml and 5L

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

Relevant identified uses	Multitask encapsulating carpet stain remover
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Details of the manufacturer/importer

Registered company name	ACTICHEM PTY LTD
Address	11 Gamma Close, Beresfield 2322 NSW Australia
Telephone	(02) 4966 5516
Website	www.actichem.com.au
Email	info@actichem.com.au

Emergency telephone number

Association / Organisation	Poisons Information Centre
Emergency telephone numbers	13 11 26
Other emergency telephone numbers	Not Available

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS. According to the Model WHS Regulations and the ADG Code.

Poisons Schedule	Not Applicable
GHS Classification	Serious eye damage / irritation – Category 2
	Classification drawn from HCIS and ECHA C&L Inventory

Label elements

Hazard pictograms	
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SIGNAL WORD	WARNING
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Hazard statement(s)

H319	Causes serious eye irritation
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Precautionary statement(s) Prevention

P280	Wear eye/face protection
P264	Wash exposed skin thoroughly after handling.

Precautionary statement(s) Response

P305+P351+P338+P337+P313	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention.
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Precautionary statement(s) Storage

Not applicable

Precautionary statement(s) Disposal

Not applicable

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances
See section below for composition of Mixtures

Mixtures

CAS No	%[weight]	Name
Trade secret	<10	Proprietary surfactant
Trade secret	<10	Proprietary polymer A
Trade secret	<10	Proprietary polymer B
Trade secret	<10	Proprietary polymer C

SECTION 4 FIRST AID MEASURES

Description of first aid measures

Eye Contact	If this product comes in contact with eyes: Wash out immediately with water. Seek medical advice/attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	If skin contact occurs with concentrate: Flush skin and hair with running water. Seek medical advice in event of irritation.
Inhalation	If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary.
Ingestion	Do NOT induce vomiting. Immediately give a glass of water. Contact a Poisons Information Centre or a doctor for advice/attention.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 FIREFIGHTING MEASURES

Extinguishing media

Extinguishing media	There is no restriction on the type of extinguisher which may be used
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Special hazards arising from the substrate or mixture

Fire incompatibility	None known
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Advice for firefighters

Fire Fighting	Alert Fire Brigade and tell them location and nature of hazard. Fire fighters should wear complete protective clothing including self-contained breathing apparatus.
Fire/Explosion Hazard	Non-combustible. Combustion or thermal decomposition will evolve toxic and irritant vapours.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Minor Spills	Flush away with copious amounts of water.
Major Spills	Absorb on sand, dirt, vermiculite or similar absorbent material. Place into labelled drums and dispose of according to local government regulations. Immediately notify emergency services (Police or Fire Brigade) if the spill is too large for you to safely and effectively handle. Prevent by any means available any spillage entering a watercourse.
PPE	Personal protective equipment advice is contained in Section 8 of this SDS

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Safe handling	Wear suitable protective clothing depending on the circumstances. Do not mix with other chemicals unless expressly recommended by the manufacturer. Always store in original container.
Other information	

Conditions for safe storage, including any incompatibilities

Suitable container	Polyethylene or polypropylene container
Storage incompatibilities	Strong acids and oxidizing or reducing agents

PACKAGE MATERIAL INCOMPATIBILITIES

Not Available

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

OCCUPATIONAL EXPOSURE LIMITS (OEL)

There are no ingredients to which Occupational Exposure Limits apply.

Exposure controls

Appropriate engineering controls	Always maintain adequate ventilation.
Personal protection	
Eye and face protection	Safety glasses with side shields OR Chemical goggles. Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly.
Skin protection	See Hand protection below
Hands/feet protection	No special precautions are required.
Body protection	See Other protection below
Other protection	Eye wash unit.
Thermal hazards	Not Available

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Clear light tan liquid		
Physical state	Liquid	Relative density (Water = 1)	1.0
Odour	Floral	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	Not Applicable
pH (as supplied)	5.5 – 5.7	Decomposition temperature	Not Available
Melting point / freezing point (°C)	Not Available	Viscosity (cSt)	Not Available
Initial boiling point and boiling range (°C)	100	Molecular weight (g/mol)	Not Available
Flash point (°C)	Not Applicable	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	Not Applicable	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Applicable	Surface Tension (dyn/cm or mN/m)	Not Available
Lower Explosive Limit(%)	Not Applicable	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	Gas group	Not Available
Solubility in water (g/L)	Miscible	pH as a solution	Not Available
Vapour density (Air = 1)	Not Available	VOC g/L	Not Available

SECTION 10 STABILITY AND REACTIVITY

Reactivity	See section 7
Chemical stability	Unstable in the presence of incompatible materials.
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Inhaled	No adverse reactions are expected
Ingestion	The material has not been classified as harmful by ingestion but may cause irritation to the mouth, throat and stomach
Skin Contact	No adverse reactions are expected
Eye	May cause irritation and damage
Chronic	No available data.

Toxicological effects of ingredients

proprietary surfactant	Acute toxicity	Oral (rat) >5000 mg/kg Dermal >5000 mg/kg
	Skin corrosion/irritation	Irritating to skin
	Eye damage/irritation	May cause severe damage to the eyes.
	Respiratory/skin sensitization	Skin sensitizing effects were not observed in animal studies.
	Germ cell mutagenicity	There is no indication that the substance is mutagenic
	Carcinogenicity	The whole of the information assessable provides no indication of a carcinogenic effect.
	Reproductive toxicity	The results of animal studies gave no indication of a fertility impairing effect. In animal studies the substance did not cause malformations.
	STOT (single exposure)	Based on the available information there is no specific target organ toxicity to be expected after a single exposure
	STOT (repeated exposure)	No adverse effects were observed after repeated oral exposure in animal studies.
	Aspiration toxicity	No aspiration hazard expected.
Proprietary polymer A	Acute toxicity	Oral LD50 (rat) >5000 mg/kg
	Skin corrosion/irritation	Unlikely to cause skin irritation.
	Eye damage/irritation	Causes serious eye irritation
	Respiratory/skin sensitization	It is not a skin sensitizer.
	Germ cell mutagenicity	There is no evidence of mutagenic potential.
	Carcinogenicity	It is unlikely to present a carcinogenic hazard to man. (NTP / IARC / ACGIH / OSHA)
	Reproductive toxicity	None anticipated
	STOT (single exposure)	No Data Available
	STOT (repeated exposure)	No Data Available
	Aspiration toxicity	No Data Available
Proprietary polymer B	Acute toxicity	ALD (rat) >11000 mg/kg Inhalation ALC (rat) >1417 mg/l (4hr)
	Skin corrosion/irritation	Repeated or prolonged contact may cause defatting of the skin resulting in dryness, cracking and dermatitis.
	Eye damage/irritation	Causes eye irritation
	Respiratory/skin sensitization	It is not a skin sensitizer.
	Germ cell mutagenicity	There is no evidence of mutagenic potential
	Carcinogenicity	It is unlikely to present a carcinogenic hazard to man. (NTP / IARC / ACGIH / OSHA)
	Reproductive toxicity	No available data
	STOT (single exposure)	No available data
	STOT (repeated exposure)	No available data
	Aspiration toxicity	No available data
Proprietary polymer C	Acute toxicity	Oral LD50 (rat) >7000 mg/kg Dermal LD50 (rabbit) >2000 mg/kg
	Skin corrosion/irritation	Slight/mild irritant to skin
	Eye damage/irritation	Causes serious eye irritation.
	Respiratory/skin sensitization	It is not a skin sensitiser.
	Germ cell mutagenicity	Not to be expected
	Carcinogenicity	It is unlikely to present a carcinogenic hazard to man. (NTP / IARC / ACGIH / OSHA)
	Reproductive toxicity	Not to be expected
	STOT (single exposure)	No available data
	STOT (repeated exposure)	No available data
	Aspiration toxicity	No available data

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

	Endpoint	Duration (Hr.)	Species	Value
proprietary surfactant	LC50	96	Brachydanio rerio	>1 - <10 mg/L
	EC50	48	Daphnia magna	>10 - <100 mg/L
	EC50	72	Desmodesmus subspicatus	>10 - <100 mg/L
	EC0	16	Pseudomonas putida	>100 mg/L

Proprietary polymer A	LC50	96	Fish	100 mg/l
	EC50	48	Aquatic invertebrates)	100 mg/l
	EC50	72	Algae	100 mg/l
Proprietary polymer B	EC50	48	Daphnia magna	100 mg/l
Proprietary polymer C	LC50	96	Oncorhynchus mykiss	1000 mg/l
	EC50	48	Daphnia magna, mobility	40.3 mg/l
	EC50	96	Pseudokirchnerella subcapitata	230 mg/l

Persistence and degradability

There is no available data for any of the ingredients

Bio accumulative potential

There is no available data for any of the ingredients

Mobility in soil

There is no available data for any of the ingredients

SECTION 13 DISPOSAL CONSIDERATIONS**Waste treatment methods**

Product / packaging disposal	Recycle containers whenever possible. Product residues and containers should be disposed of in accordance with local government regulations.
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SECTION 14 TRANSPORT INFORMATION**Labels Required**

Marine Pollutant	NO
HAZCHEM	Not Applicable

Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

SECTION 15 REGULATORY INFORMATION**Safety, health, and environmental regulations / legislation specific for the substance or mixture****PROPRIETARY SURFACTANT IS FOUND ON THE FOLLOWING REGULATORY LISTS**

Australian Inventory of Industrial Chemicals (AIIC)

PROPRIETARY POLYMER A IS FOUND ON THE FOLLOWING REGULATORY LIST

Australian Inventory of Industrial Chemicals (AIIC)

PROPRIETARY POLYMER B IS FOUND ON THE FOLLOWING REGULATORY LIST

Australian Inventory of Industrial Chemicals (AIIC)

PROPRIETARY POLYMER C IS FOUND ON THE FOLLOWING REGULATORY LIST

Australian Inventory of Industrial Chemicals (AIIC)

SECTION 16 OTHER INFORMATION**Revision Schedule**

Revision Date	15/10/2024
Initial Date	08/12/2016

SDS Version Summary

Version	Issue Date	Sections Updated
2.1	22/12/2020	Sections 2, 3, 7, 8, 11,12,15,16 have been updated or corrected
2.2	03/06/2022	All sections revised
2.4	16/09/2022	Sections 1, 2, 16.
3.1	09/10/2024	Sections 2, 3, 11, 12, 15.
3.2	15/10/2024	Section 2

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources such as the ECHA C&L Chemical Inventory, HSNO (CCID) New Zealand, AICIS and HCIS Australia

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Definitions and abbreviations

PC-TWA;	Permissible Concentration-Time Weighted Average
PC-STEL:	Permissible Concentration-Short Term Exposure Limit
IARC:	International Agency for Research on Cancer
ACGIH:	American Conference of Government Industrial Hygienists
STEL:	Short Term Exposure Limit
TEEL:	Temporary Emergency Exposure Limit
IDLH:	Immediate Danger to Life or Health Concentrations
OSF:	Odour Safety Factor
NOAEL:	No Observed Effects Level
TLV:	Threshold Limit Value
LOD:	Limit Of Detection
OTV:	Odour Threshold Value
BCF:	Bio Concentration Factors
BEI:	Biological Exposure Index

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End of SDS