

SAFETY DATA SHEET

Petway Petcare Pty Ltd & Deeway Laboratories Pty Ltd	COTEX HYDROKILL FLEA & TICK RINSE CONCENTRATE FOR DOGS, CATS, KITTENS & CAGED BIRDS [APVMA #47179]
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SECTION 1 – STATEMENT OF CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SUPPLIER:	Petway Petcare Pty Ltd & Deeway Laboratories Pty Ltd		
ADDRESS:	3/10 Telford Place, Arundel Qld 4214 Australia		
Trade Name:	COTEX HYDROKILL FLEA & TICK RINSE CONCENTRATE FOR DOGS, CATS, KITTENS & CAGED BIRDS [APVMA #47179]		
TELEPHONE:	+617 5537 8350	FAX:	+617 5537 8352
AH EMERGENCY TELEPHONE:	13 1126 in Australia	ABN:	54 845 662 52
Substance:	Water based	Product Use:	Pet shampoo/rinse.
Creation Date:	July 2022	Revision Date:	July 2025

SECTION 2 – HAZARDS IDENTIFICATION

Classification	Product AS SOLD (neat)	Product at USE DILUTION (1:2 or greater)
ADG Code	Not classified as Dangerous Goods	NOT classified as Dangerous Goods
Poisons Schedule	Not scheduled	Not scheduled
GHS Classification	Eye Irritation Category 2A	Non -hazardous

Label elements

Product AS SOLD (neat)	Product at USE DILUTION (1:2 or greater)
GHS label pictograms	GHS 07 exclamation mark
Signal word	WARNING

Hazard statement(s)

Product AS SOLD (neat)	Product at USE DILUTION (1:2 or greater)
H319 Causes serious eye irritation.	None allocated
NOTE: Refer to Section 11 for details.	

Precautionary statement(s): Prevention

Product AS SOLD (neat)	Product at USE DILUTION (1:2 or greater)
P264 Wash hands thoroughly after handling.	None allocated
P280 Wear eye protection/ face protection.	None allocated

Precautionary statement(s): Response

Product AS SOLD (neat)	Product at USE DILUTION (1:2 or greater)
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	None allocated
P337 + P313 If eye irritation persists: Get medical advice/attention."	None allocated

Precautionary statement(s): Storage

Product AS SOLD (neat)	Product at USE DILUTION (1:2 or greater)
None allocated	None allocated

Precautionary statement(s): Disposal

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Product AS SOLD (neat)	Product at USE DILUTION (1:2 or greater)
None allocated	None allocated

SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Proportion:
Pyrethrin I	121-21-1	<10% w/w
Pyrethrin II	121-29-9	<10% w/w
n-Octyl bicycloheptene dicarboximide	113-48-4	<10% w/w
Piperonyl Butoxide	51-03-6	<10% w/w
Ingredients determined to be non-hazardous	Various	<10 % w/w
Water	7732-18-5	> 60 % w/w

Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication "List of Designated Hazardous Substances" or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication "Approved Criteria for Classifying Hazardous Substances", or have been found NOT to meet the criteria of a dangerous substance as defined in the GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS), 4th edition United Nations 2011. Listed ingredients may be below the cut-off concentrations for classification as hazardous, but are listed for information purposes and for additive effects.

SECTION 4 – FIRST AID MEASURES

Scheduled Poisons	Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. (Phone Australia 131126 or New Zealand 0800 764 766).
First Aid Facilities	Normal washroom facilities.
Skin contact	Wash skin with plenty of water. Remove contaminated clothing and wash before re-use. Seek medical advice (e.g. doctor) if irritation, burning or redness develops.
Eye contact	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. If symptoms persist, seek medical attention.
Ingestion	Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth thoroughly with water immediately. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice (e.g. doctor).
Inhalation	Remove to fresh air away from exposure. Remove contaminated clothing and loosen remaining clothing. Allow to assume most comfortable position, keep warm and to rest. Seek medical advice (e.g. doctor) if any symptoms persist.
Advice to Doctor	Treat symptomatically. All treatments should be based on observed signs and symptoms of distress of the patient. Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons.
Aggravated Medical Conditions	None known.

SECTION 5 – FIRE FIGHTING MEASURES

Fire and Explosion Hazards	Does not support combustion. However, on evaporation of the aqueous component, the residual material and packaging may burn.
Extinguishing Media	Use carbon dioxide (CO ₂) fire extinguisher, water fog or fine water spray.
Fire Fighting	Keep containers exposed to extreme heat cool with water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion or decomposition. Evacuate area - move upwind of fire.
Flash Point	Not flammable.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

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Emergency Procedures	Nil
Occupational Release	<p>Minor spills do not normally need any special clean-up measures.</p> <p>In the event of a major spill, prevent spillage from entering drains or water courses. For large spills, or tank rupture, stop leak if safe to do so. Wear appropriate protective equipment as in section 8 below to prevent skin and eye contamination. Spilt material may result in a slip hazard and should be absorbed into dry, inert material (e.g. sand, earth or vermiculite), which then can be put into appropriately labelled drums for disposal by an approved agent according to local conditions. Residual deposits will remain slippery. Wash area down with excess water. If contamination of sewers or waterways has occurred advise the local emergency services. In the event of a large spillage notify the local environment protection authority or emergency services.</p>

SECTION 7 – HANDLING AND STORAGE

Handling	Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers closed. Avoid physical damage to containers. Wash hands with water after handling.
Storage	For best product shelf life, store in a cool, dry, place. Avoid storing in aluminium and light alloy containers. Store away from incompatible materials (Section 10).

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits	<p>National Occupational Exposure Limits, as published by National Occupational Health & Safety Commission:</p> <p>Time-weighted Average (TWA): None established for specific product. None established for individual ingredients.</p> <p>Short Term Exposure Limit (STEL): None established for specific product. None established for individual ingredients.</p>
Biological Limit Value	None established for product.
Engineering Controls	None required.
Personal Protective Equipment	Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. Final choice of appropriate protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. The following protective equipment should be available;
Eye Protection 	<p>Generally not required to handle prepared solutions of the product as per label directions.</p> <p>The use of safety glasses with side shield protection, goggles or face shield is recommended to handle the concentrate in quantity, cleaning up spills, decanting, etc. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.</p>
Skin Protection  	<p>Generally not required to handle prepared solutions of the product as per label directions.</p> <p>Overalls, work boots and gloves are recommended for handling the concentrated product in quantity, cleaning up spills, decanting, etc. (as per AS/NZS 2161, or as recommended by supplier).</p>
Protective Material Types	Material suitable for detergent contact – Butyl rubber, Natural Latex, Neoprene, PVC, and Nitrile.
Respirator	Not required.

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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Non-viscous liquid	Colour	Honey
Odour	Fragrant odour	Specific Gravity	1.01 – 1.02 @ 25 °C
Boiling Point	Approximately 100 °C	Freezing Point	Approximately 0 °C
Vapour Pressure	Not available	Vapour Density	Not available
Flash Point	Not combustible	Flammable Limits	Not available
Water Solubility	Miscible in all proportions	pH	5.0 – 6.5 neat
Volatile Organic Compounds (VOC)	Not available	Coefficient of Water/Oil Distribution	Not available
Viscosity	Not available	Odour Threshold	Not available
Evaporation Rate	Not available	Per Cent Volatile	Ca 75 % v/v

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability	Stable at normal temperatures and pressure.
Conditions to Avoid	Heat and direct sunlight.
Incompatible Materials	None known.
Hazardous Decomposition	Product can decompose on combustion (on burning) to form Carbon Monoxide, Carbon Dioxide, and other possibly toxic gases and vapours.
Hazardous Reactions	None known.

SECTION 11 – TOXICOLOGICAL INFORMATION

PRODUCT MIXTURE INFORMATION	
POTENTIAL HEALTH EFFECTS	
No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:	
Ingestion	
short term exposure	Low toxicity. Large amounts may cause nausea, vomiting, headache and other CNS disturbances. Calculated Oral Toxicity > 10,000mg/kg.
long term exposure	No known hazards.
Skin contact	
short term exposure	Not irritating to skin.
long term exposure	Prolonged and repeated skin contact with undiluted solutions may induce dermatitis and skin reactions in certain individuals.
Eye contact	
short term exposure	Diluted solutions not expected to be irritating to eyes. Eye contact with concentrated product may result in irritation, lacrimation and redness.
long term exposure	No known hazards.
Inhalation	
short term exposure	Not an inhalation hazard.
long term exposure	Generated mists may be irritating to respiratory tract and mucous membranes.
Carcinogen Status	
SWA	No significant ingredient is classified as carcinogenic by SWA.
NTP	No significant ingredient is classified as carcinogenic by NTP.
IARC	No significant ingredient is classified as carcinogenic by IARC.
Medical conditions aggravated by exposure	
Respiratory sensitisation	Not expected to be a respiratory sensitizer.
Skin Sensitisation	Not expected to be a skin sensitizer.

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Germ cell mutagenicity	Not considered to be a mutagenic 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

Aquatic Toxicity

PRODUCT (as sold)	PRODUCT (at use dilution >1:100 rinse)
Acute Aquatic Toxicity (Calculated) LC50: 7 - 9 mg/L. Acute Aquatic Toxicity – Category 2 H401 - Toxic to aquatic life. LC50 >1 mg/L but <10 mg/L Pyrethrin is toxic to aquatic life, such as bluegill and lake trout. Pyrethrins are slightly toxic to bird species, such as mallards. These compounds are toxic to bees also.	Acute Aquatic Toxicity (Calculated) LC50: 700 - 900 mg/L. Acute Aquatic Toxicity NOT HAZARDOUS Not harmful to aquatic life. LC50 > 100mg/L.

Persistence and degradability	Persistence: Water/Soil	Persistence: Air
	Biodegradable.	Not Available
Bio accumulative potential	Does not bio-accumulate significantly.	
Mobility in soil	Dissolves in water. If product enters soil, it will be highly mobile and may contaminate groundwater.	
General	Expected to be toxic to aquatic species. Natural pyrethrins are highly fat soluble, but are easily degraded and thus do not accumulate in the body. Because pyrethrin-I and pyrethrin-II have multiple sites in their structures that can be readily attacked in biological systems, it is unlikely that they will concentrate in the food chain. Pyrethrins are inactivated and decomposed by exposure to light and air. Do not contaminate water by disposing of equipment wash water. Apply this product only as specified on the label. Product miscible in all proportions with water. DO NOT DISCHARGE LARGE QUANTITIES INTO DRAINS, WATERWAYS, SEWER OR ENVIRONMENT. Inform local authorities if this occurs.	

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal	The small quantities contained in wash solutions (when used as directed) can generally be handled by conventional sewage systems, septic, and grey water systems. To dispose of large quantities of undiluted product, refer to State Land Waste Management Authority. Transfer product residues to a labelled, sealed container for disposal or recovery. Waste disposal must be by an accredited contractor. As with any chemical, do not put down the drain in quantity.
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SECTION 14 – TRANSPORT INFORMATION

UN Number	none allocated	ADG Classification	none allocated
Shipping Name	none allocated	ADG Subsidiary Risk	none allocated
Hazchem Code	none allocated	Packing Group	none allocated
Packaging Method	none allocated	Special Provisions	none allocated
Segregation	none allocated		
Note:			

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SECTION 15 – REGULATORY INFORMATION

Labeling Details	
GHS Classification	Hazardous
SUSMP Classification	Not a scheduled poison
AICS	All ingredients listed

SECTION 16 – OTHER INFORMATION

Acronyms	
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons.
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail.
CAS Number	Chemical Abstracts Service Registry Number.
UN Number	United Nations Number.
HAZCHEM	An emergency action code of numbers and letters which gives information to emergency services.
SWA	National Occupational Health and Safety Commission.
NTP	National Toxicology Program (USA).
IARC	International Agency for Research on Cancer.
AICS	Australian Inventory of Chemical Substances.
TWA	Time Weighted Average The TWA exposure value is the Time Weighted Average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week.
SWA	Safe Work Australia
STEL	Short Term Exposure Limit The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term “peak” is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.
Literature references	Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice (Safe Work Australia) GHS Hazardous Chemical Information List (Safe Work Australia) Guidance on the Classification of Hazardous Chemicals under the WHS Regulations. April 2012 (Safe Work Australia). Global Harmonized System of Classification and Labelling of Chemicals (GHS). Fifth revised edition. “Australian Exposure Standards” List of Designated Hazardous Substances [NOHSC:10005(1999)] Australian Code For The Transport Of Dangerous Goods By Road And Rail . Standard for the Uniform Scheduling of Medicines and Poisons. Material Safety Data Sheets – individual raw materials – Suppliers. Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)] HCIS – Hazardous Chemical Information System – National SAFEWORK Data Base. LABELLING OF WORKPLACE HAZARDOUS CHEMICALS, Code of Practice, DEC 2011 implementation of the globally harmonised system of classification and labelling of chemicals (GHS) April 2012 ECHA – European Chemicals Agency
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Deeway Laboratories Pty Ltd**

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[APVMA #47179]**

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Revision Information

GHS classification

Note

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This MSDS summarizes at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier.

End of SDS