


SECTION 1 – STATEMENT OF CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SUPPLIER:	Auto Klene Solutions Aust. Pty Ltd		
ADDRESS:	Building 51, 885 Mountain Highway, Bayswater, 3153 VIC		
Trade Name:	FLEA & TICK RINSE		
TELEPHONE:	03 8761 1900	email:	sales@autoklene.com
AH EMERGENCY TELEPHONE:	1300 774 575 in Australia (M-F 7am-7pm)	Synonym:	3350
Substance:	Water based blend	Product Use:	Flea & Tick Treatment
Creation Date:	May 2023	Revision Date:	May 2028

SECTION 2 – HAZARDS IDENTIFICATION

Classification of the substance or mixture	
Dangerous Goods	Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".
GHS Classification	Skin Irritation - Category 2 Eye Irritation - Category 2 Flammable Liquid – Category 3
Poisons Schedule	None allocated
Label elements	
GHS label pictograms	
Signal word	WARNING
Hazard statement(s)	
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H226	Flammable liquid and vapour
Precautionary statement(s): General	
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
Precautionary statement(s): Prevention	
P264	Wash hands and all exposed skin thoroughly after handling.
P280	Wear protective gloves, protective clothing including eye protection.
P210+P233+P240+P241+P243	Keep away from sparks, open flames, hot surfaces– No smoking. Keep container tightly closed. Ground container and receiving equipment. Use explosion-proof electrical equipment. Take precautionary measures against static discharge. Wear protective gloves, eye protection.
Precautionary statement(s): Response	
P101	If medical advice is needed, have product container or label at hand.
P321	Specific treatment (see section 4 on this label).
P302+P352	IF ON SKIN (or hair): Wash skin with plenty of water.
P332 + P313	If skin irritation occurs: Get medical advice.
P362 + P364	Take off contaminated clothing and wash it before reuse.

P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice.
P370+P378	In case of fire: Use water spray, foam or dry agent for extinction.
Precautionary statement(s): Storage	
P401	Store in accordance with local regulations.
P403+P235	Store in a well ventilated place. Keep cool.
Precautionary statement(s): Disposal	
P501	Dispose of contents and container in accordance with local regulations.
Note	
IMPORTANT	This SDS and the hazard classifications contained therein, only apply to the product in its concentrated form, as supplied. When diluted for use at 50:1 with water the product is non-hazardous.

SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Proportion (%w/w):
Ethanol	64-17-5	< 10
Quaternary Ammonium Compound	Prop	< 10
Ingredients determined to be non-hazardous at the concentrations used (including water)	various	balance

SECTION 4 – FIRST AID MEASURES

Inhalation	Remove person to fresh air away from exposure. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Obtain medical attention if symptoms occur.
Skin contact	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance. Continue to flush skin and hair with plenty of water (and soap if material is insoluble).
Eye contact	Immediately irrigate with copious quantities of water for 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.
Ingestion	Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice (e.g. doctor).
Advice to Doctor	Treat symptomatically.
First Aid Facilities	Eye wash station. Normal washroom facilities.

SECTION 5 – FIRE FIGHTING MEASURES

Fire and Explosion Hazards	Water/alcohol based. Product will flash but not sustain a fire. In use, may form flammable/explosive vapour-air mixture. If involved in a fire will emit toxic fumes
Extinguishing Media	Use carbon dioxide (CO ₂) fire extinguisher, dry chemical, foam, 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	44° C (calculated)
Hazchem	None allocated.



SECTION 6 – ACCIDENTAL RELEASE MEASURES


Emergency Procedures	<p>Wear PPE in accordance with Section 8 of this SDS. Minor spills: Isolate ignition sources. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.</p> <p>In the event of a major spill, prevent spillage from entering drains or water courses. Isolate ignition sources. Wear appropriate personal protective equipment and clothing to prevent exposure. Increase ventilation. As a water-based product, if spilt on electrical equipment the product will cause short-circuits. If possible, contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.</p>
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SECTION 7 – HANDLING AND STORAGE

Handling	<p>Avoid skin or eye contact with concentrate. Wear protective clothing when risk of exposure occurs. Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers closed at all times. Avoid physical damage to containers. Always wash hands with water after handling. Launder contaminated clothing before re-use.</p>
Storage	<p>Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks.</p>

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits	<p>National Occupational Exposure Limits, as published by Safe Work Australia:</p> <p>Time-weighted Average (TWA): None established for product. For ingredients:</p> <ul style="list-style-type: none"> Ethanol: 1000ppm, 1880 mg/m³ <p>Short Term Exposure Limit (STEL): None established for product. For ingredients:</p> <ul style="list-style-type: none"> None established
Ventilation	<p>No special requirements. Ensure adequate ventilation in use.</p>
Personal Protective Equipment	<p>Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. The PPE recommendations below only apply to the product in its concentrated form, as supplied. When diluted for use at 50:1 with water the product is non-hazardous and no PPE is necessary unless determined by a risk assessment.</p>
Eye Protection 	<p>Safety glasses, chemical goggles or face shield should be used for handling concentrate in quantity, cleaning up spills, decanting, etc. Eye protection devices should conform to relevant regulations. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.</p>
Hand Protection 	<p>Wear gloves of impervious material such as Butyl rubber, Natural Latex, Neoprene, PVC, and Nitrile – to handle in quantity, clean up spills, decanting, etc. Final choice of appropriate gloves will vary according to individual circumstances. Occupational protective gloves should conform to relevant regulations. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.</p>

<p>Body Protection</p> 	<p>Suitable protective workwear, e.g. apron, long sleeves/trousers, boots and cotton overalls buttoned at neck and wrist are recommended. Chemical resistant apron is recommended where large quantities are handled.</p>
<p>Respirator</p>	<p>If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.</p>

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Water thin liquid	Colour	Colourless
Odour	Tea tree	Specific Gravity	0.94 @ 25 °C
Boiling Point	Approximately 100 °C	Freezing Point	Approximately 0 °C
Vapour Pressure	Not available	Vapour Density	Not available
Flash Point	Non-flammable	Flammable Limits	none
Water Solubility	Miscible in all proportions	pH	2.5

SECTION 10 – STABILITY AND REACTIVITY

Reactivity	Stable at normal temperatures and pressure.
Conditions to Avoid	Extremes of temperature, sources of ignition (e.g. sparks & flames) and direct sunlight.
Incompatibilities	Strong oxidizing agents.
Hazardous Decomposition	Thermal decomposition may result in the release of toxic and/or irritating fumes.

SECTION 11 – TOXICOLOGICAL 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:

Inhalation	Inhalation of mists or aerosols can produce mucous membrane and respiratory irritation. Exposure to high concentrations of the product in liquid form or as a mist may lead to possible harmful irritation effects.
Skin contact	Contact with skin may cause irritation. Severity depends on the concentration and duration of exposure.
Eye contact	A severe eye irritant. Corrosive to eyes: contact can cause corneal burns. Contamination of eyes can result in permanent injury.
Ingestion	Swallowing may result in nausea, irritation and depression of the central nervous system.
Chronic exposure	Causes burns to eyes and irritation to skin.
Toxicology Information	Not toxic, based on ingredient calculated values.
Carcinogen Status	
SWA	No significant ingredient is classified as carcinogenic by SWA.
Respiratory Sensitisation	Not expected to be a respiratory sensitizer.
Skin Sensitisation	Not expected to be a skin sensitizer.
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.



SAFETY DATA SHEET

Product Name:

FLEA & TICK RINSE

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SECTION 12 – ECOLOGICAL INFORMATION

Eco-toxicity	Expected to be toxic to aquatic life.
Persistence and degradability	No information.
Bio accumulative potential	No bioaccumulation is expected.
Mobility in soil	Due to its physicochemical characteristics, highly mobile in the environment and will partition to the aquatic compartment.
Other adverse effects	Not available
Environmental Protection	Do not discharge this material into waterways.

SECTION 13 – DISPOSAL CONSIDERATIONS

	Dispose of waste according to applicable local and national regulations. Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations.
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SECTION 14 – TRANSPORT INFORMATION

ADG	Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".
Marine Pollutant	No
Land Transport (ADG)	
UN Number	None allocated.
Proper Shipping Name	None allocated.
Class	None allocated.
HAZCHEM Code	None allocated.
Packing Group	None allocated.
ERG	None allocated.

SECTION 15 – REGULATORY INFORMATION

GHS Classification	Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.
SUSMP	None allocated
ADG Code	Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".
AICS	All ingredients present on AICS

SECTION 16 – OTHER INFORMATION

Issue Date	May 2023
Version Number	V1: new product
Abbreviations and acronyms	<p>ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail.</p> <p>AICS: Australian Inventory of Chemical Substances.</p> <p>CAS Number: Chemical Abstracts Service Registry Number.</p> <p>GHS: Globally Harmonized System of Classification and Labelling of Chemicals</p> <p>HAZCHEM: An emergency action code which gives information to emergency services.</p> <p>SWA: Safe Work Australia.</p> <p>SDS: Safety Data Sheet</p> <p>STEL: Short Term Exposure Limit.</p> <p>SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons.</p> <p>TWA: Time Weighted Average.</p> <p>UN Number: United Nations Number.</p>
Literature references	<p>Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice (Safe Work Australia)</p> <p>GHS Hazardous Chemical Information List (Safe Work Australia)</p> <p>Guidance on the Classification of Hazardous Chemicals under the WHS Regulations.</p> <p>“Australian Exposure Standards”. Safe Work Australia</p> <p>Australian Code for The Transport of Dangerous Goods by Road and Rail</p> <p>Standard for the Uniform Scheduling of Medicines and Poisons</p> <p>Safety Data Sheets – individual raw materials – Suppliers</p>
Disclaimer	<p>This SDS 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 SDS 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.</p>

End of SDS