

## SECTION 1 – STATEMENT OF CHEMICAL PRODUCT AND COMPANY IDENTIFICATION


<b>SUPPLIER:</b>	Auto Klene Solutions Aust. Pty Ltd		
<b>ADDRESS:</b>	885 Mountain Highway, Bayswater, 3153 VIC		
<b>Trade Name:</b>	<b>CITRUS KLENE</b>		
<b>TELEPHONE:</b>	03 8761 1900	<b>FAX:</b>	03 8761 1955
<b>AH EMERGENCY TELEPHONE:</b>	1300 774 575 in Australia (M-F 7am-7pm)	<b>Synonym:</b>	4500
<b>Substance:</b>	Water based detergent	<b>Product Use:</b>	General Purpose Cleaner. Spray and Wipe (50:1 Dil)
<b>Creation Date:</b>	March 2023	<b>Revision Date:</b>	March 2028

## SECTION 2 – HAZARDS IDENTIFICATION

### Classification of the substance or mixture

<b>Poisons Schedule</b>	S5 (Alkaline Salts)
<b>Dangerous Goods</b>	Not classified as Dangerous Goods
<b>GHS Classification</b>	Eye Irritation – 2A Skin Irritation - Category 2 Skin Sensitization - Category 1

### Label elements

<b>GHS label pictograms</b>	 GHS07
-----------------------------	---

**Signal word** **WARNING**

### Hazard statement(s)

<b>H319</b>	Causes serious eye irritation.
<b>H315</b>	Causes skin irritation.
<b>H317</b>	May cause an allergic skin reaction.

### Precautionary statement(s): General

<b>P102</b>	Keep out of reach of children.
<b>P103</b>	Read label before use.

### Precautionary statement(s): Prevention

<b>P261</b>	Avoid breathing spray.
<b>P280</b>	Wear eye protection and protective gloves.
<b>P264</b>	Wash hands thoroughly after handling.
<b>P272</b>	Contaminated work clothing should not be allowed out of the workplace.

### Precautionary statement(s): Response

<b>P305+P351+P338</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>P337 + P313</b>	If eye irritation persists: Get medical attention.
<b>P302 + P352</b>	IF ON SKIN: Wash with plenty of water.
<b>P332 + P313</b>	If skin irritation occurs: Get medical attention.
<b>P362</b>	Take off contaminated clothing and wash before reuse.
<b>P321</b>	Specific treatment (see First Aid Measures on Safety Data Sheet).

**Precautionary statement(s): Storage**

None allocated

**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 to 1:50 for Spray & Wipe applications they no longer apply. However, good hygiene and housekeeping practices should be adhered to.

**SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS**

Ingredients:	CAS Number:	Proportion (%w/w):
d-Limonene	5989-27-5	< 10
2-Butoxyethanol	111-76-2	< 10
Tetrasodium EDTA	64-02-8	< 10
Ingredients determined to be non-hazardous at the concentrations used (including water)	various	balance

**SECTION 4 – FIRST AID MEASURES**

<b>Inhalation</b>	Remove person to fresh air away from exposure. Obtain medical attention if symptoms occur.
<b>Skin contact</b>	Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use. Seek medical advice (e.g. doctor) if irritation, burning or redness persists.
<b>Eye contact</b>	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.
<b>Ingestion</b>	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).
<b>Advice to Doctor</b>	Treat symptomatically.
<b>Scheduled Poisons</b>	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).
<b>First Aid Facilities</b>	Eye wash station. Normal washroom facilities.

**SECTION 5 – FIRE FIGHTING MEASURES**

<b>Fire and Explosion Hazards</b>	Non-flammable liquid. However, on evaporation of the aqueous component, the residual material may burn.
<b>Extinguishing Media</b>	Use an extinguishing media suitable for surrounding fires. Use carbon dioxide (CO <sub>2</sub> ) fire extinguisher, water fog or alcohol resistant foam or fine water spray.
<b>Fire Fighting</b>	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.
<b>Flash Point</b>	Does not flash.




## SECTION 6 – ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedures</b>	<p>Wear PPE in accordance with Section 8 of this SDS. Minor spills do not normally need any special clean-up measures – rinse with water.</p> <p>In the event of a major spill, prevent spillage from entering drains or water courses. 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. Do not dilute material but contain. 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>
-----------------------------	---

## SECTION 7 – HANDLING AND STORAGE

<b>Handling</b>	<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 soap and water after handling. Work clothes should be laundered. Launder contaminated clothing before re-use.</p>
<b>Storage</b>	<p>Store in a cool, dry, well-ventilated area, out of direct sunlight. Protect from freezing. Store in suitable, labelled containers. Keep containers tightly closed. Store away from incompatible materials. Ensure that storage conditions comply with applicable local and national regulations.</p>

## SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Exposure Limits</b>	<p>National Occupational Exposure Limits, as published by Safe Work Australia:</p> <p><b>Time-weighted Average (TWA):</b> None established for product. For ingredients:</p> <ul style="list-style-type: none"> <li>• 2-Butoxyethanol: 20ppm, 96.9 mg/m<sup>3</sup></li> </ul> <p><b>Short Term Exposure Limit (STEL):</b> None established for product. For ingredients:</p> <ul style="list-style-type: none"> <li>• 2-Butoxyethanol: 50ppm, 242 mg/m<sup>3</sup></li> </ul>
<b>Ventilation</b>	<p>No special requirements. Ensure adequate ventilation in use.</p>
<b>Personal Protective Equipment</b>	<p>Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. The following protective equipment should be available;</p>
<b>Eye Protection</b> 	<p>Safety glasses 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>
<b>Hand Protection</b> 	<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. i.e. methods of handling or according to risk assessments undertaken. 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>
<b>Body Protection</b> 	<p>Suitable protective workwear, e.g. rubber or plastic apron, sleeves, boots and cotton overalls buttoned at neck and wrist are recommended. Chemical resistant apron is recommended where large quantities are handled.</p>

<b>Respirator</b>	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/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.
-------------------	---

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Non-viscous liquid	<b>Colour</b>	Yellow
<b>Odour</b>	Lemon	<b>Specific Gravity</b>	1.00 – 1.02 @ 25 °C
<b>Boiling Point</b>	Approximately 100 °C	<b>Freezing Point</b>	Approximately 0 °C
<b>Vapour Pressure</b>	Not available	<b>Vapour Density</b>	Not available
<b>Flash Point</b>	Non-flammable	<b>Flammable Limits</b>	none
<b>Water Solubility</b>	Miscible in all proportions	<b>pH</b>	11.0-12.0 (neat). <11.5 (1:50 dilution)

## SECTION 10 – STABILITY AND REACTIVITY

<b>Reactivity</b>	Stable at normal temperatures and pressure.
<b>Conditions to Avoid</b>	Extremes of temperature and direct sunlight.
<b>Incompatibilities</b>	Strong reducing agents, Strong oxidizing agents.
<b>Hazardous Decomposition</b>	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:

<b>Inhalation</b>	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.
<b>Skin contact</b>	Contact with skin may cause irritation. Severity depends on the concentration and duration of exposure.
<b>Eye contact</b>	Contact with eyes causes irritation. Eye contact with concentrate will cause stinging, blurring, tearing.
<b>Ingestion</b>	Swallowing may result in nausea and irritation.
<b>Chronic exposure</b>	Prolonged and repeated skin contact with diluted solutions may induce eczematoid dermatitis.
<b>Toxicology Information</b>	Not toxic, based on ingredient calculated values.
<b>Carcinogen Status</b>	
<b>SWA</b>	No significant ingredient is classified as carcinogenic by SWA.
<b>Respiratory sensitisation</b>	Not expected to be a respiratory sensitizer.
<b>Skin Sensitisation</b>	Classified as a Skin Sensitizer Category 1.
<b>Germ cell mutagenicity</b>	Not considered to be a mutagenic hazard.
<b>Reproductive Toxicity</b>	Not considered to be toxic to reproduction.
<b>STOT-single exposure</b>	Not expected to cause toxicity to a specific target organ.
<b>STOT-repeated exposure</b>	Not expected to cause toxicity to a specific target organ.
<b>Aspiration Hazard</b>	Not expected to be an aspiration hazard.

## SECTION 12 – ECOLOGICAL INFORMATION

<b>Eco-toxicity Product (as sold)</b>	Expected to be harmful to aquatic life.
<b>Eco-toxicity Product (at use dilution 1:50)</b>	Expected to be non-harmful to aquatic life.
<b>Persistence and degradability</b>	No information.
<b>Bio accumulative potential</b>	No bioaccumulation is expected.
<b>Mobility in soil</b>	Due to its physicochemical characteristics, highly mobile in the environment and will partition to the aquatic compartment.
<b>Other adverse effects</b>	Not available
<b>Environmental Protection</b>	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.
--	---

## SECTION 14 – TRANSPORT INFORMATION

<b>Labels Required</b>	
<b>ADG</b>	Not classified as Dangerous Goods.
<b>IMDG Marine Pollutant</b>	No
<b>HAZCHEM</b>	None allocated
<b>Land Transport (ADG)</b>	
<b>UN Number</b>	None allocated
<b>ADG Code</b>	None allocated
<b>HAZCHEM Code</b>	None allocated
<b>Special Provisions</b>	None allocated
<b>Packing Group</b>	None allocated
<b>Packaging Method</b>	None allocated
<b>Segregation</b>	None allocated

## SECTION 15 – REGULATORY INFORMATION

<b>GHS Classification</b>	Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.
<b>SUSMP</b>	S5 (Alkaline Salts)
<b>ADG Code</b>	Non-DG
<b>AICS</b>	All ingredients present on AICS

## SECTION 16 – OTHER INFORMATION

<b>Issue Date</b>	March 2023
<b>Version Number</b>	V6: new formula
<b>Abbreviations and acronyms</b>	<b>ADG Code:</b> Australian Code for the Transport of Dangerous Goods by Road and Rail. <b>AICS:</b> Australian Inventory of Chemical Substances.

	<p><b>CAS Number:</b> Chemical Abstracts Service Registry Number.</p> <p><b>GHS:</b> Globally Harmonized System of Classification and Labelling of Chemicals</p> <p><b>HAZCHEM:</b> An emergency action code of numbers and letters which gives information to emergency services.</p> <p><b>HCIS:</b> Hazardous Chemical Information System</p> <p><b>SWA:</b> Safe Work Australia.</p> <p><b>SDS:</b> Safety Data Sheet</p> <p><b>STEL:</b> Short Term Exposure Limit.</p> <p><b>SUSMP:</b> Standard for the Uniform Scheduling of Medicines and Poisons.</p> <p><b>TWA:</b> Time Weighted Average.</p> <p><b>UN Number:</b> United Nations Number.</p>
<p><b>Literature references</b></p>	<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>Global Harmonized System of Classification and Labelling of Chemicals (GHS)</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> <p>HCIS – Hazardous Chemical Information System – National Safe Work Australia Data Base.</p>
<p><b>Disclaimer</b></p>	<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>
<p><b>End of SDS</b></p>	