

## 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>WHITE SPIRIT</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>	Mineral spirit
<b>Substance:</b>	Solvent	<b>Product Use:</b>	Cleaning solvent
<b>Creation Date:</b>	1 November 2023	<b>Revision Date:</b>	1 November 2028

## SECTION 2 – HAZARDS IDENTIFICATION

### Classification of the substance or mixture

<b>Dangerous Goods</b>	Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".
<b>GHS Classification</b>	Flammable Liquids - Category 3 Aspiration Hazard - Category 1 Specific Target Organ Toxicity - Repeated Exposure - Category 1 Skin Irritation - Category 2 Specific Target Organ Toxicity - Single Exposure (Narcotic Effects) - Category 3
<b>Poisons Schedule</b>	S5 (naphtha petroleum, light)

### Label elements

<b>GHS label pictograms</b>	
<b>Signal word</b>	<b>DANGER</b>

### Hazard statement(s)

<b>H226</b>	Flammable liquid and vapour.
<b>H304</b>	May be fatal if swallowed and enters airways.
<b>H372</b>	Causes damage to organs (central nervous system) through prolonged or repeated exposure.
<b>H315</b>	Causes skin irritation.
<b>H335</b>	May cause respiratory irritation.
<b>H336</b>	May cause drowsiness or dizziness.

### Precautionary statement(s): General

<b>P102</b>	Keep out of reach of children.
<b>P103</b>	Read carefully and follow all instructions.

### Precautionary statement(s): Prevention

<b>P210</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
<b>P233</b>	Keep container tightly closed.
<b>P240</b>	Ground and bond container and receiving equipment.
<b>P241</b>	Use explosion-proof equipment.
<b>P242</b>	Use non-sparking tools

<b>P243</b>	Take action to prevent static discharges.
<b>P280</b>	Wear protective gloves, protective clothing and eye protection.
<b>P260</b>	Do not breathe mist, vapours or spray.
<b>P264</b>	Wash hands thoroughly after handling.
<b>P270</b>	Do not eat, drink or smoke when using this product.
<b>P271</b>	Use only outdoors or in a well-ventilated area.
<b>Precautionary statement(s): Response</b>	
<b>P303+P361+P353</b>	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
<b>P332+P313</b>	If skin irritation occurs: Get medical attention.
<b>P362+P364</b>	Take off contaminated clothing and wash it before reuse.
<b>P370+P378</b>	In case of fire: Use carbon dioxide, foam, water spray or fog, or dry chemical powder to extinguish.
<b>P301+P310</b>	IF SWALLOWED: Immediately call a Poison Centre.
<b>P331</b>	Do NOT induce vomiting.
<b>P314</b>	Get medical attention if you feel unwell.
<b>P321</b>	Specific treatment (see first aid section of this SDS).
<b>P304+P340</b>	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
<b>P312</b>	Call a POISON CENTRE or doctor if you feel unwell.
<b>Precautionary statement(s): Storage</b>	
<b>P403+P235</b>	Store in a well-ventilated place. Keep cool.
<b>P233</b>	Keep container tightly closed.
<b>P405</b>	Store locked up.
<b>Precautionary statement(s): Disposal</b>	
<b>P501</b>	Dispose of contents and container in accordance with local regulations.
<b>Note</b>	
<b>IMPORTANT</b>	This SDS and the Hazard Classifications contained therein, only apply to the product in its concentrated form, as supplied.

### SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Proportion (%w/w):
Naphtha petroleum, hydrodesulphurized heavy (low aromatic white spirit)	64742-82-1	>80
Ingredients determined to be non-hazardous at the concentrations used	various	balance
May contain the following components:		
1,2,4-Trimethylbenzene	95-63-6	<10
Isopropyl benzene - cumene	103-65-1	<10
Xylene, Mixed Isomers	1330-20-7	<10

### SECTION 4 – FIRST AID MEASURES

<b>Inhalation</b>	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.
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<b>Skin contact</b>	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. For gross contamination, immediately drench with water and remove clothing. Continue to flush skin and hair and wash with soap and water. Seek medical attention if symptoms occur.
<b>Eye contact</b>	With eyelids held open, immediately irrigate with copious quantities of water for 15 minutes. Remove clothing if contaminated and wash skin. Seek medical attention if irritation persists. Transport to hospital or medical centre.
<b>Ingestion</b>	If swallowed, do NOT induce vomiting. Transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Seek medical attention (e.g., doctor).
<b>Advice to Doctor</b>	Treat symptomatically.
<b>First Aid Facilities</b>	Eye wash station. Normal washroom facilities.

## SECTION 5 – FIRE FIGHTING MEASURES

<b>Fire and Explosion Hazards</b>	Flammable liquid and vapour. Carbon monoxide may be evolved if incomplete combustion occurs. Will float and can be reignited on surface of water. Vapour is heavier than air and can spread along the ground possibly resulting in distant ignition.
<b>Extinguishing Media</b>	Use extinguishing media suitable for surrounding fires. Use a carbon dioxide (CO <sub>2</sub> ) fire extinguisher, foam, water spray or fog, or dry chemical powder. Use water spray or fog for large fires only. Do not use water in a jet.
<b>Fire Fighting</b>	Keep any containers that are 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. If safe, switch off electrical equipment until fire hazard removed. Prevent, by any means available, spillage from entering drains or water courses.
<b>Flash Point</b>	42°C
<b>Hazchem</b>	3Y




## SECTION 6 – ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedures</b>	<p>Avoid contact with spilled or released material. Shut off leaks, if possible, without personal risk. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Remove all sources of ignition in the surrounding area. Take precautionary measure against static discharge. Ensure electrical continuity by bonding and earthing all equipment. Wear PPE in accordance with Section 8 of this SDS. Minor spill: Remove all ignition sources. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.</p> <p>Major spill: Remove all ignition sources. Prevent spillage from entering drains or water courses. Wear appropriate personal protective equipment and clothing to prevent exposure. Increase ventilation. Do not flush residues with water. 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

<b>Handling</b>	<p>Flammable material. Avoid breathing vapours. Ensure workplace is ventilated so that exposure limits are not exceeded. Do NOT cut, drill, grind, weld or perform similar operations on or near containers. Do not use in confined spaces. 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. Avoid naked lights, heat or ignition sources. Ensure electrical continuity by earthing all equipment. 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>
<b>Storage</b>	<p>Store in a cool, dry, well-ventilated place and out of direct sunlight. DO NOT store in areas where vapours may be trapped. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Store locked up. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks. This material is classified as a Class 3 Flammable as per the criteria of the "Australian Code for the Transport of Dangerous Goods by Road &amp; Rail" and/or the "New Zealand NZS5433: Transport of Dangerous Goods on Land" and must be stored in accordance with the relevant regulations.</p>

## SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Exposure Limits</b>	<p>National Occupational Exposure Limits, as published by Safe Work Australia:  <b>Time-weighted Average (TWA):</b>          White Spirits TWA 790 mg/m<sup>3</sup>          Cumene TWA 125 mg/m<sup>3</sup> /25ppm; STEL 375 mg/m<sup>3</sup> / 75ppm.</p>
<b>Ventilation</b>	<p>Ensure adequate ventilation. Use of a quantity of this material in a confined space or poorly ventilated area, where rapid build-up of concentrated atmosphere may occur, could require increased ventilation and/or personal protective equipment.</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 with side shields 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>Use solvent resistant gloves, nitrile for longer term protection or PVC and neoprene for incidental splashes. – 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., boots and overalls) are recommended. A chemical-resistant apron is recommended where large quantities are handled. Some plastic personal protective equipment (PPE) (e.g., gloves, aprons, overshoes) are not recommended as they may produce static electricity. Non-sparking safety or conductive footwear should be considered.</p>
<b>Respirator</b>	<p>If engineering controls are not effective in controlling airborne exposure, use an appropriate combination of mask and filter. Select a filter for organic gases and vapours (boiling point &gt;65°C). 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

<b>Physical State</b>	Liquid	<b>Colour</b>	Colourless
<b>Odour</b>	Paraffinic	<b>Specific Gravity</b>	0.78 @ 15°C
<b>Boiling Point</b>	>149-194°C	<b>Freezing Point</b>	Not available
<b>Vapour Pressure</b>	0.37 kPa	<b>Vapour Density</b>	4.35 (air = 1)
<b>Flash Point</b>	42°C	<b>Flammable Limits</b>	0.7% - 6.5%
<b>Water Solubility</b>	Not miscible with water	<b>pH</b>	Not available

## SECTION 10 – STABILITY AND REACTIVITY

<b>Reactivity</b>	Stable under normal conditions of use.
<b>Conditions to Avoid</b>	Avoid heat, sparks, open flames and other ignition sources.
<b>Incompatibilities</b>	Strong oxidising agents
<b>Hazardous Decomposition</b>	Thermal decomposition is dependent on conditions. A complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.

## 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>	May cause respiratory irritation. Inhalation of vapours or mists may cause drowsiness and dizziness.
<b>Skin contact</b>	Causes skin irritation. Contact may degrease the skin, producing a skin reaction described as non-allergic contact dermatitis. Severity depends on the concentration and duration of exposure.
<b>Eye contact</b>	May cause eye irritation.
<b>Ingestion</b>	Swallowing may result in temporary lethargy, weakness, incoordination and diarrhoea.
<b>Chronic exposure</b>	Prolonged or repeated skin exposure may cause drying with cracking, irritation and possible dermatitis following.
<b>Toxicology Information</b>	Non-toxic, based on ingredient calculated values.
<b>Carcinogen Status</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>	Not expected to be a skin sensitizer.
<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>	This material has been classified as a specific hazard to target organs by single exposure. Inhalation of vapours or mists may cause irritation to the respiratory system.
<b>STOT-repeated exposure</b>	This material has been classified as a specific hazard to target organs (central nervous system) by prolonged or repeated exposure.
<b>Aspiration Hazard</b>	Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis, which can be fatal.

## SECTION 12 – ECOLOGICAL INFORMATION

<b>Eco-toxicity Product</b>	Toxic to aquatic life with long lasting effects.
<b>Persistence and degradability</b>	Readily biodegradable. Oxidises by photo-chemical reactions in air.
<b>Bio accumulative potential</b>	Has the potential to bioaccumulate.

**Product Name:** WHITE SPIRIT

**Date of Issue:** 1 NOVEMBER 2023

Page 6 of Total 7

<b>Mobility in soil</b>	Floats on water
<b>Other adverse effects</b>	No information 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.
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## SECTION 14 – TRANSPORT INFORMATION

<b>ADG</b>	Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".
<b>Marine Pollutant</b>	Yes
<b>Land Transport (ADG)</b>	
<b>UN Number</b>	3295
<b>Proper Shipping Name</b>	HYDROCARBONS, LIQUID, N.O.S. (contains naphtha petroleum, heavy, hydrodesulfurised)
<b>Class</b>	3
<b>HAZCHEM Code</b>	3Y
<b>Packing Group</b>	III
<b>ERG</b>	14
<b>Limited Quantity</b>	1L
<b>Segregation</b>	Not to be loaded with explosives (Class 1), flammable gases (Class 2.1), if both are in bulk, toxic gases (Class 2.3), spontaneously combustible substances (Class 4.2), oxidising agents (Class 5.1), organic peroxides (Class 5.2), toxic substances (Class 6.1), infectious substances (Class 6.2) or radioactive substances (Class 7). Exemptions may apply.

## 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 (naphtha petroleum)
<b>ADG Code</b>	Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".
<b>AICS</b>	All ingredients present on AICS

## SECTION 16 – OTHER INFORMATION

<b>Issue Date</b>	1 November 2023
<b>Version Number</b>	V7: regular review
<b>Abbreviations and acronyms</b>	<p><b>ADG Code:</b> Australian Code for the Transport of Dangerous Goods by Road and Rail.</p> <p><b>AICS:</b> Australian Inventory of Chemical Substances.</p> <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>
<b>Literature references</b>	<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>
<b>Disclaimer</b>	<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**