


SECTION 1 – STATEMENT OF CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SUPPLIER:	Auto Klene Solutions Aust. Pty Ltd		
ADDRESS:	885 Mountain Highway, Bayswater, 3153 VIC		
Trade Name:	EMUSA 100		
TELEPHONE:	03 8761 1900	FAX:	03 8761 1955
AH EMERGENCY TELEPHONE:	1300 774 575 in Australia (M-F 7am-7pm)	Synonym:	EB100
Substance:	Hydrocarbon solvent	Product Use:	Degreaser
Creation Date:	21 st September 2023	Revision Date:	21 st September 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	Aspiration Hazard - Category 1 Sensitisation Skin - Category 1
Poisons Schedule	5
Label elements	
GHS label pictograms	
Signal word	DANGER
Hazard statement(s)	
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
Precautionary statement(s): General	
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
Precautionary statement(s): Prevention	
P261	Avoid breathing mist or vapours.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves.
Precautionary statement(s): Response	
P301+P310	IF SWALLOWED: Immediately call a Poison Centre or doctor.
P331	Do NOT induce vomiting.
P302+P352	IF ON SKIN: Wash with plenty of water.
P333+P313	If skin irritation or rash occurs: Get medical attention.
P321	Specific treatment (see Section 4 of this SDS).
P362+P364	Take off contaminated clothing and wash it before reuse.
Precautionary statement(s): Storage	
P405	Store locked up.
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.

SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Proportion (%w/w):
Naphtha, hydrotreated	64742-48-9	>90
Pine oil	8002-09-3	0-10
Ingredients determined to be non-hazardous at the concentrations used	various	balance

SECTION 4 – FIRST AID MEASURES

Inhalation	Remove person to fresh air away from exposure. Remove contaminated clothing and loosen remaining clothing. Allow person 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 soap and running water. For gross contamination, immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of soap and water. Seek medical attention if symptoms occur. Wash contaminated clothing before reuse.
Eye contact	Immediately irrigate with copious quantities of water for 15 minutes. Eyelids to be held open. Seek medical attention if symptoms occur.
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 attention if symptoms occur.
Advice to Doctor	Treat symptomatically.
First Aid Facilities	Eye wash station. Normal washroom facilities.

SECTION 5 – FIRE FIGHTING MEASURES

Fire and Explosion Hazards	Combustible material.
Extinguishing Media	If material is involved in a fire, use water fog (or fine water spray), alcohol resistant foam, standard foam or dry agent (e.g., carbon dioxide, dry chemical powder).
Fire Fighting	On burning or decomposing, may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion or decomposition. Prevent, by any means available, spillage from entering drains or water course.
Flash Point	>60C
Hazchem	Not applicable




SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency Procedures	<p>Wear PPE in accordance with Section 8 of this SDS. Minor spill: Avoid inhalation of vapours. Wipe up with absorbent (e.g., clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal. Isolate ignition sources.</p> <p>Major spill: Prevent spillage from entering drains or water courses. Wear appropriate personal protective equipment and clothing to prevent exposure. Increase ventilation. If possible, contain the spill. Place inert absorbent material (e.g., soil, sand) 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	Avoid skin or eye contact and inhalation. 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.
Storage	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 locked up. Keep containers upright and closed when not in use. Check regularly for leaks.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits	National Occupational Exposure Limits, as published by Safe Work Australia: Time-weighted Average (TWA): None established for product or constituent ingredients.
Ventilation	Ensure adequate ventilation. Natural ventilation should be adequate under normal use conditions.
Personal Protective Equipment	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;
Eye Protection 	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.
Hand Protection 	Wear gloves of impervious material, such as PVC or neoprene rubber, 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.
Body Protection 	Suitable protective workwear (e.g., rubber apron, boots and cotton overalls) is recommended where large quantities are handled.
Respirator	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.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Colour	Clear
Odour	Unique hydrocarbon/Pine	Specific Gravity	0.79
Boiling Point	Not available	Melting Point	Not available
Vapour Pressure	Not available	Vapour Density	>1.0
Flash Point	>60°C	Flammable Limits	Not available
Solubility	Not available	pH	Not applicable
Viscosity	Not available	Autoignition Temperature	Not available

SECTION 10 – STABILITY AND REACTIVITY

Reactivity	Stable under recommended storage and handling conditions.
Conditions to Avoid	Avoid contact with any incompatible materials and ignition sources.
Incompatibilities	Not available

Hazardous Decomposition	May cause irritating, corrosive and toxic gases as a result of combustion.
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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	May be fatal if swallowed and enters airways.
Skin contact	May cause an allergic skin reaction.
Eye contact	No information available
Ingestion	May cause lung damage if swallowed. Small amounts of liquid aspirated into the respiratory system during ingestion or vomiting may cause bronchopneumonia or pulmonary oedema.
Chronic exposure	No information available
Toxicology Information	Non-toxic, based on ingredient calculated values.
Carcinogen Status	No significant ingredient is classified as carcinogenic by SWA.
Respiratory Sensitisation	Not expected to be a respiratory sensitizer.
Skin Sensitisation	This material has been classified as Sensitisation Skin – Category 1.
Germ cell mutagenicity	Not considered to be a mutagenic hazard.
Reproductive Toxicity	Not considered to be toxic to reproduction.
STOT-single exposure	This material has been classified as a specific hazard to target organs by single exposure.
STOT-repeated exposure	This material has been classified as a specific hazard to target organs by repeat exposure.
Aspiration Hazard	This material has been classified as an Aspiration Hazard – Category 1.

SECTION 12 – ECOLOGICAL INFORMATION

Eco-toxicity Product	Not classified. Avoid contaminating waterways.
Persistence and degradability	No information available
Bio accumulative potential	No information available
Mobility in soil	No information available
Other adverse effects	No information 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. If possible, material and its container should be recycled. 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	Not allocated
Land Transport (ADG)	
UN Number	Not allocated
Proper Shipping Name	Not allocated
Class	Not allocated
HAZCHEM Code	Not allocated

Packing Group	Not allocated
ERG	Not allocated
Limited Quantity	Not allocated
Segregation	Not 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	Schedule 5
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	21 September 2023
Version Number	V1
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 of numbers and letters which gives information to emergency services.</p> <p>HCIS: Hazardous Chemical Information System</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>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>
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