

SAFETY DATA SHEET



PRO SHINE

OMIKRON AUTO DETAILING PRODUCTS

Product code: PROSHI

Version No: 2.1.1

Issue date: 17/03/2026

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product Identifier

Product name	PRO SHINE
Product code	PROSHI
Pack size	250ml/ 1L / 5L/ 20L/ 200L/ 1000L
UN proper shipping name	PETROLEUM DISTILLATES, N.O.S. (contains solvent naphtha, n- hexane)

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	Silicone tyre shine
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Details of the supplier of the safety data sheet

Registered company name	OMIKRON AUTO DETAILING PRODUCTS	SIME DARBY TRANSPORT (NZ) LIMITED Trading as TWL
Address	12 McPherson Rd, Smeaton Grange, NSW, 2567	920 Halswell Junction Road, Christchurch 8042 New Zealand
Telephone	(02) 9824 5966	0508 677 704
Website	www.omikron.com.au	www.twlnz.co.nz
Email	sales@omikron.com.au	

Emergency telephone number

Association / Organisation	National Poisons Centre
Emergency telephone numbers	0800-764-766 / (0800 POISON)
Other emergency telephone numbers	Not Available

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

HAZARDOUS CHEMICAL.- DANGEROUS GOODS. According to the criteria of New Zealand HSNO Hazardous Substances (Hazard Classification) Notice 2020 and New Zealand NZS5433.

Poisons Schedule	5
GHS Classification	Aspiration Hazard Category 1, Flammable Liquid Category 2 Skin Corrosion/Irritation Category 2, STOT – (Single Exposure) (Narcosis) Category 3, STOT (Repeated Exposure) Category 2, Toxic to Reproduction Category 2, Hazardous to the Aquatic Environment (Acute) Category 2 Hazardous to the Aquatic Environment (chronic) Category 2 <i>Classification drawn from HCIS, ECHA C&L Inventory, HSNO CCID and Suppliers' SDSs.</i>

Label elements

Hazard pictograms	
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SIGNAL WORD	DANGER
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Hazard statement(s)

H225	Highly flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure
H361f	Suspected of damaging fertility.
H411	Toxic to aquatic life with long-lasting effects
AUH066	Repeated exposure may cause skin dryness or cracking.

Precautionary statement(s) Prevention

P201	Obtain special instructions before using this product.
P202	Do not handle until all safety precautions have been read and understood.
P281	Use personal protective equipment as required.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharges
P261	Avoid breathing mist/vapours/spray.
P273	Avoid release to the environment.
P280	Wear protective gloves / protective clothing / eye protection / face protection.
P264	Wash contaminated skin thoroughly after handling
P271	Use only outdoors or in a well-ventilated area.
P270	Do not eat drink or smoke when using this product.

Precautionary statement(s) Response

P301+P310+ P331	IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting.
P303+P361+P353+P332+P313	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.
P304 +P340+P312	IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor if you feel unwell.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use dry chemical, carbon dioxide or alcohol resistant foam to extinguish
P308+P313	IF exposed or concerned : Get medical advice/attention.
P309+P311	IF exposed of if you feel unwell: Call a POISON CENTRE or doctor.

Precautionary statement(s) Storage

P405+P403+P233	Store locked up in a well-ventilated place. Keep container tightly closed.
P235	Keep cool.

Precautionary statement(s) Disposal

P501	Dispose of contents / container in accordance with local regulations
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SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**Substances**

See section below for composition of Mixtures.

Mixtures

CAS No	%[weight]	Name
64742-89-8	>60	<u>Solvent naphtha, petroleum, light aliphatic.</u>
110-54-3	10 - <30	<u>n-Hexane</u>
9016-00-6	10 - <30	<u>polydimethylsiloxane</u>

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4 FIRST AID MEASURES**Description of first aid measures**

Eye Contact	<p>If this product comes in contact with the eyes:</p> <p>Immediately hold eyelids apart and flush the eye continuously with running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel. Seek medical advice/attention if irritation persists</p>
Skin Contact	<p>If skin or hair contact occurs:</p> <p>Immediately flush body and clothes with large amounts of water, using safety shower if available. Quickly remove all contaminated clothing, including footwear. Wash skin and hair with running water. Seek medical advice/attention if irritation persists</p>
Inhalation	<p>If fumes are inhaled remove from contaminated area. Lay patient down. Keep warm and rested. Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures. Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary. Seek medical advice/attention</p>
Ingestion	<p>If swallowed do NOT induce vomiting. Obtain immediate medical advice/attention.</p> <p>If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Observe the patient carefully. Transport to hospital or doctor without delay.</p>

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.
Avoid gastric lavage: risk of aspiration of product to the lungs with the potential to cause chemical pneumonitis.

SECTION 5 FIREFIGHTING MEASURES

Extinguishing media

Extinguishing media	Foam, dry chemical powder, carbon dioxide or dry sand. Water spray or fog for large fires. Do not use a solid water stream as it may scatter and spread fire.
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Special hazards arising from the substrate or mixture.

Fire incompatibilities	Oxidising agents, strong acids.
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Advice for firefighters

Fire Fighting	Alert Fire Brigade and tell them location and nature of hazard. Wear breathing apparatus plus protective gloves in the event of a fire. Prevent, by any means available, spillage from entering drains or water courses. Use firefighting procedures suitable for surrounding area. DO NOT approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire.
Fire/Explosion Hazard	Combustion may release toxic fumes of carbon dioxide (CO2), carbon monoxide. May emit corrosive fumes.
HAZCHEM	3YE

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Minor Spills	Clean up all spills immediately. Eliminate any ignition sources Avoid breathing vapours/ aerosols/ or dusts and avoid contact with skin and eyes. Control personal contact with the substance, by using protective equipment. Contain and absorb spill with sand, earth, inert material or vermiculite. Place in a suitable, labelled container for waste disposal.
Major Spills	Wear breathing apparatus plus protective gloves. Eliminate any ignition sources Prevent, by any means available, spillage from entering drains or water course. Keep upwind of the spill. Stop leak if safe to do so. Absorb on sand, dirt, vermiculite or similar absorbent material. Place into labelled drums and dispose of according to local government regulations. Immediately notify emergency services (Police or Fire Brigade) if the spill is too large for you to safely and effectively handle.
PPE	Personal protective equipment advice is contained in Section 8 of this SDS

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Safe handling	This product is flammable. Do not open near open flame, sources of heat or ignition. No smoking. DO NOT allow clothing wet with material to stay in contact with skin Avoid all personal contact. Wear protective clothing when risk of exposure occurs. Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers securely sealed when not in use. Avoid physical damage to containers. Material will accumulate static charge. Use grounding leads to avoid discharge (electrical spark). Use only with adequate ventilation and avoid breathing vapour. Observe good industrial hygiene practices.
Other information	Store in a cool, dry place away from direct sunlight. Do not pressurise, cut, heat or weld containers - residual vapours are flammable.

Conditions for safe storage, including any incompatibilities.

Suitable containers	Packaging as recommended by the manufacturer
Storage incompatibility	Avoid strong acids Avoid reaction with oxidising agents.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION


Control parameters

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
EH40/2005 Workplace Exposure Limits	Hexane	n-hexane	20 ppm / 72 mg/m3	Not available	Not available	Not available

Exposure controls

Appropriate engineering controls	The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion-proof ventilation equipment.
Personal protection	
Eye and face protection	Chemical goggles or safety glasses
Skin protection	Barrier cream.
Hands/feet protection	Elbow length chemical gloves. Butyl rubber is recommended for this application.
Body protection	Wear long sleeved, chemical resistant protective clothing.
Other protection	Respiratory protection: Where concentrations in air may exceed the limits described in the National Exposure Standards, it is recommended to use a half-face or full-face filter mask to protect from overexposure by inhalation. Recommended filter type: Type A filter (organic vapour)
Thermal hazards	Not Available

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Appearance	Colourless liquid		
Physical state	Liquid	Relative density (Water = 1)	0.69
Odour	Paraffinic	Molecular weight (g/mol)	Not Available
Odour threshold	Not Available	Auto-ignition temperature(°C)	350
pH (as supplied)	Not Applicable	Decomposition temperature	Not Available
Melting point / freezing point (°C)	<50	Surface Tension (dyn/cm or mN/m)	Not Available
Initial boiling point and boiling range °C)	66 - 115	Partition coefficient n-octanol /water	Not Available
Flash point (°C)	-20	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	Highly flammable	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Available	Viscosity (cSt)	Not Available
Lower Explosive Limit(%)	Not Available	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	Gas group	Not Available
Solubility in water (g/L)	<0.1	pH as a solution (1%)	Not Available
Vapour density (Air = 1)	3.1	VOC g/L	Not Available

SECTION 10 STABILITY AND REACTIVITY

Reactivity	No reactivity hazards identified
Chemical stability	Stable at room temperature and pressure. Hazardous polymerisation will not occur.
Possibility of hazardous reactions	None anticipated. Avoid contact with oxidizing agents, mineral acids, halogenated organic compounds.
Conditions to avoid	Sources of heat and ignition, open flames.
Incompatible materials	Oxidising agents, strong acids
Hazardous decomposition products	Carbon monoxide, carbon dioxide and other organic complexes on incomplete burning or oxidation.

SECTION 11 TOXICOLOGICAL INFORMATION**Information on toxicological effects**

Inhaled	May be an irritant to the mucous membranes and respiratory tract. May cause drowsiness or dizziness. Breathing of high vapour concentrations may cause central nervous system depression resulting in dizziness, headache, nausea and loss of coordination. Continued inhalation may result in unconsciousness and death.
Ingestion	Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract. Vomiting may cause product to be aspirated to the lungs resulting in chemical pneumonitis or pulmonary oedema
Skin Contact	Skin contact may cause irritation
Eye	Not irritating but vapours may be irritating.
Chronic	There is evidence of potentially irreversible damage to the peripheral nervous system, particularly arms and legs.

Toxicological effects of ingredients

Solvent naphtha, petroleum, light aliphatic.	Acute toxicity	Oral ATE >2,000 mg/kg; Dermal ATE >2,000 mg/kg; Inhalation ATE >20 mg/L (4h)
	Skin corrosion/irritation	Causes skin irritation
	Eye damage/irritation	Not irritating
	Respiratory/skin sensitisation	Not a sensitiser
	Germ cell mutagenicity	Not mutagenic (Contains <0.1% Benzene CAS 71-43-2)
	Carcinogenicity	Not a carcinogen (Contains <0.1% Benzene CAS 71-43-2)
	Reproductive toxicity	Suspected of damaging fertility. Suspected of damaging the unborn child
	STOT (single exposure)	May be an irritant to the mucous membranes and respiratory tract. May cause drowsiness or dizziness. Breathing of high vapour concentrations may cause central nervous system depression resulting in dizziness, headache, nausea and loss of coordination. Continued inhalation may result in unconsciousness and death
	STOT (repeated exposure)	May cause damage to organs through prolonged or repeated exposure (Central nervous system; Peripheral nervous system; Kidneys.) Peripheral nerve damage may be evidenced by impairment of motor function (incoordination, unsteady walk, or muscle weakness in the extremities, and/or loss of sensation in the arms and legs).
	Aspiration toxicity	May be fatal if swallowed and enters airways.
n-hexane	Acute toxicity	Inhalation LC50 (rat) 103 g/m3 4hr
	Skin corrosion/irritation	Causes irritation
	Eye damage/irritation	Not classified
	Respiratory/skin sensitization	Not classified
	Germ cell mutagenicity	Not classified
	Carcinogenicity	Not classified
	Reproductive toxicity	Toxic to reproduction
	STOT (single exposure)	May cause drowsiness and dizziness.
	STOT (repeated exposure)	May cause damage to organs through prolonged or repeated exposure.
	Aspiration toxicity	May be fatal if swallowed and enters airways.
siloxanes and silicones, dimethyl	Acute toxicity	Oral LD50 (rat) >48500 mg/kg Dermal LD50 (rabbit) >2000 mg/kg
	Skin corrosion/irritation	May be irritating to skin. The symptoms may include redness, itching and swelling.
	Eye damage/irritation	May be irritating to skin. The symptoms may include redness, itching and tearing.
	Respiratory/skin sensitization	Not expected to be a respiratory or skin sensitiser.
	Germ cell mutagenicity	Did not cause birth defects or any other fetal effects in laboratory animals.
	Carcinogenicity	Not considered to be a carcinogenic 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 toxicity	Not expected to be an aspiration hazard.

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

Very toxic to aquatic life with long lasting effects. Do not discharge into sewers or waterways

Persistence and degradability

Solvent naphtha, petroleum, light aliphatic	Readily biodegradable. Oxidises rapidly by photo-chemical reactions in air.
siloxanes and silicones, dimethyl	Not biodegradable

Bio accumulative potential

Solvent naphtha, petroleum, light aliphatic	Has the potential to bioaccumulate (log POW: ca.4)
siloxanes and silicones, dimethyl	No bioconcentration is expected because of the relatively high molecular weight (MW greater than 1000).

Mobility in soil

Solvent naphtha, petroleum, light aliphatic	Floats on water. If it enters soil, it will adsorb to soil particles and will not be mobile
siloxanes and silicones, dimethyl	Expected to be relatively immobile in soil (Koc > 5000).

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of product / packaging	Dispose of product as chemical waste via a licenced service provider. Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor.
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SECTION 14 TRANSPORT INFORMATION**Labels Required**

	 
Marine Pollutant	YES
HAZCHEM	3YE

Land transport (ADG):

UN Number	1268	
UN proper shipping name	PETROLEUM DISTILLATES, N.O.S. (contains solvent naphtha, n- hexane)	
Transport hazard class(es)	Class	3
	Sub risk	Not applicable
Packing group	II	
Environmental Hazard	YES	
Special precautions for user	Special provisions	None
	Limited quantity	1L
Health and Safety at Work (Hazardous Substances Regulations 2017)	Must not be carried on a passenger vehicle	

SECTION 15 REGULATORY INFORMATION**Safety, health and environmental regulations / legislation specific for the substance or mixture****SOLVENT NAPHTHA, PETROLEUM, LIGHT ALIPHATIC IS FOUND ON THE FOLLOWING REGULATORY LISTS**

New Zealand Inventory of Chemicals (NZIoC)

n-HEXANE IS FOUND ON THE FOLLOWING REGULATORY LISTS

New Zealand Inventory of Chemicals (NZIoC)

Chemical Classification and Information Database (CCID)

POLYDIMETHYLSILOXANE IS FOUND ON THE FOLLOWING REGULATORY LISTS

New Zealand Inventory of Chemicals (NZIoC)

NEW ZEALAND HSNO ACT 1996

Substance approval - Cleaning Products Flammable Group Standard 2020 HSR002528

SECTION 16 OTHER INFORMATION**Revision Schedule**

Revision Date	17/03/2026
Initial Date	19/06/2025

SDS Version Summary

Version	Issue Date	Sections Updated
1.0	19/06/2025	All sections originated
2.0.1	06/03/2026	Sections 1, 2, 3, 8, 11, 12, 14, 15.
2.1.1	17/03/2026	Section 11

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources such as the ECHA C&L Chemical Inventory, HSNO (CCID) New Zealand, NICNAS and HCIS Australia

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Definitions and abbreviations

PC-TWA;	Permissible Concentration-Time Weighted Average
PC-STEL:	Permissible Concentration-Short Term Exposure Limit
IARC:	International Agency for Research on Cancer
ACGIH:	American Conference of Government Industrial Hygienists
STEL:	Short Term Exposure Limit
TEEL:	Temporary Emergency Exposure Limit
IDLH:	Immediate Danger to Life or Health Concentrations
OSF:	Odour Safety Factor
NOAEL:	No Observed Effects Level
TLV:	Threshold Limit Value
LOD:	Limit of Detection
OTV:	Odour Threshold Value
BCF:	Bio Concentration Factors
BEI:	Biological Exposure Index

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End of SDS



Section 1 - Identification of The Material and Supplier

<p>Sime Darby Transport (NZ) Limited, Trading as TWL 920 Halswell Junction Road Christchurch 8042 New Zealand Phone: 0508 677 704 W: www.simemotors.co.nz</p>	<p>Omikron Auto Detailing Products Unit 1, 12 McPherson Road Smeaton Grange, NSW, 2567 Australia Phone: 02 9824 5966 W: www.omikron.com.au</p>
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Chemical nature:	Water solution of silicones and other minor ingredients.
Trade Name:	Final Reflection
Product Use:	Liquid spray polish designed for use for car detailing and marine use
Creation Date:	November 2022
This version issued:	November 2022 and is valid for 5 years from this date.

Section 2 - Hazards Identification

Statement of Hazardous Nature

This product is classified as: Not classified as hazardous according to the criteria of SWA. Not a Dangerous Good according to the Australian Dangerous Goods (ADG) Code.

Risk Phrases: Not Hazardous - No criteria found

Safety Phrases: S23, S36, S24/25. Do not breathe vapours or mists. Wear suitable protective clothing. Avoid contact with skin and eyes.

SUSMP Classification: None allocated.

ADG Classification: None allocated. Not a Dangerous Good under the ADG Code.

UN Number: None allocated

GHS Signal word: NONE. Not hazardous.

PREVENTION

P262: Do not get in eyes, on skin, or on clothing.

P281: Use personal protective equipment as required.

RESPONSE

P353: Rinse skin or shower with water.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P370+P378: Not combustible. Use extinguishing media suited to burning materials.

STORAGE

P402+P404: Store in a dry place. Store in a closed container

DISPOSAL

P501: If they can not be recycled, dispose of contents to an approved waste disposal plant and containers to landfill (see Section 13 of this SDS).

Emergency Overview

Physical Description & Colour: Pink

Odour: Strawberry fragrance.

Major Health Hazards: : No significant risk factors have been found for this product.

SAFETY DATA SHEET

Emergency Contact Number:

National Poisons Centre 0800 764 766 (0800 POISON) from anywhere in New Zealand
Poisons Information Centre: 13 1126 from anywhere in Australia



Potential Health Effects

Inhalation:

Short Term Exposure: Significant inhalation exposure is considered to be unlikely. Available data indicates that this product is not harmful. However product may be mildly irritating, although unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: No data for health effects associated with long term inhalation.

Skin Contact:

Short Term Exposure: Available data indicates that this product is not harmful. It should present no hazards in normal use. However product is believed to be mildly irritating, but is unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: No data for health effects associated with long term skin exposure.

Eye Contact:

Short Term Exposure:

This product is believed to be mildly irritating, to eyes, but is unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: No data for health effects associated with long term eye exposure.

Ingestion:

Short Term Exposure: Significant oral exposure is considered to be unlikely. However, this product is believed to be mildly irritating to mucous membranes but is unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: No data for health effects associated with long term ingestion.

Carcinogen Status:

SWA: No significant ingredient is classified as carcinogenic by SWA.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: Isopropanol is Class 3 - unclassifiable as to carcinogenicity to humans.

See the IARC website for further details. A web address has not been provided as addresses frequently change

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc,%	TWA (mg/m ³)	STEL (mg/m ³)
Isopropanol	67-63-0	5-15	983	1230
Non hazardous silicone	secret	<1	not set	not set
Other non hazardous ingredients	secret	to 100	not set	not set

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated 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.

Section 4 - First Aid Measures

General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 0800 764 766 in New Zealand and is available at all times. Have this SDS with you when you call.

SAFETY DATA SHEET

Emergency Contact Number:

National Poisons Centre 0800 764 766 (0800 POISON) from anywhere in New Zealand
Poisons Information Centre: 13 1126 from anywhere in Australia



Inhalation: First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

Skin Contact: Wash gently and thoroughly with water (use non-abrasive soap if necessary) for 10 minutes or until chemical is removed. If irritation persists, repeat flushing and obtain medical advice.

Eye Contact: Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed, while holding the eyelid(s) open. Obtain medical advice immediately if irritation occurs. Take special care if exposed person is wearing contact lenses.

Ingestion: If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

Section 5 - Fire Fighting Measures

Fire and Explosion Hazards: The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness.

Fire decomposition products from this product are not expected to be hazardous or harmful.

Extinguishing Media: Not combustible. Use extinguishing media suited to burning materials.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade.

Flash point: Does not burn.

Upper Flammability Limit: Does not burn.

Lower Flammability Limit: Does not burn.

Autoignition temperature: Not applicable - does not burn.

Flammability Class: Does not burn.

Section 6 - Accidental Release Measures

Accidental release: In the event of a major spill, prevent spillage from entering drains or water courses. Wear full protective clothing including eye/face protection. All skin areas should be covered. See below under Personal Protection regarding Australian Standards relating to personal protective equipment. Suitable materials for protective clothing include rubber, PVC. Eye/face protective equipment should comprise as a minimum, protective glasses and, preferably, goggles. If there is a significant chance that vapours or mists are likely to build up in the cleanup area, we recommend that you use a respirator. Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned below (section 8).

Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Can be slippery on floors, especially when wet. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

Section 7 - Handling and Storage

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed.

SAFETY DATA SHEET

Emergency Contact Number:

National Poisons Centre 0800 764 766 (0800 POISON) from anywhere in New Zealand

Poisons Information Centre: 13 1126 from anywhere in Australia



The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Storage: Make sure that containers of this product are kept tightly closed. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Some liquid preparations settle or separate on standing and may require stirring before use. Check packaging - there may be further storage instructions on the label.

Section 8 - Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

SWA Exposure Limits	TWA (mg/m³)	STEL (mg/m³)
Isopropanol	983	1230

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: This product should only be used in a well ventilated area. If natural ventilation is inadequate, use of a fan is suggested.

Eye Protection: Eye protection such as protective glasses or goggles is recommended when this product is being used.

Skin Protection: You should avoid contact even with mild skin irritants. Therefore you should wear suitable impervious elbow-length gloves and facial protection when handling this product. See below for suitable material types.

Protective Material Types: We suggest that protective clothing be made from the following materials: Viton, nitrile.

Respirator: Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

Safety deluge showers should, if practical, be provided near to where this product is being handled commercially

Section 9 - Physical and Chemical Properties:

Physical Description & colour:	Pink
Odour:	Strawberry fragrance.
Boiling Point:	Approximately 90°C at 100kPa.
Freezing/Melting Point:	0°C.
Volatiles:	Water component.
Vapour Pressure:	2.37 kPa at 20°C (water vapour pressure)
Vapour Density:	As for water.
Specific Gravity:	1.02 at 20°C
Water Solubility:	Completely soluble in water.
pH:	No data
Volatility:	No data.
Odour Threshold:	No data.
Evaporation Rate:	As for water.
Coeff Oil/water Distribution:	No data

SAFETY DATA SHEET

Emergency Contact Number:

National Poisons Centre 0800 764 766 (0800 POISON) from anywhere in New Zealand
Poisons Information Centre: 13 1126 from anywhere in Australia



Section 10 - Stability and Reactivity

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to Avoid: Keep containers tightly closed.

Incompatibilities: strong oxidising agents.

Fire Decomposition: Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness. Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. Silicon compounds. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

Polymerisation: This product will not undergo polymerisation reactions.

Section 11 - Toxicological Information

Local Effects:

Target Organs:

There is no data to hand indicating any particular target organs.

Classification of Hazardous Ingredients

Ingredient

Risk Phrases

No ingredient mentioned in the HSIS Database is present in this product at hazardous concentrations.

Section 12 - Ecological Information

This product is biodegradable. It will not accumulate in the soil or water or cause long term problems. Expected to not be an environmental hazard.

Section 13 - Disposal Considerations

Disposal: Containers should be emptied as completely as practical before disposal. If possible, recycle product and containers either in-house or send to recycle company. If this is not practical, send to a commercial waste disposal site.

Section 14 - Transport Information

ADG Code: This product is not classified as a Dangerous Good. No special transport conditions are necessary unless required by other regulations.

Section 15 - Regulatory Information

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations.

SAFETY DATA SHEET

Emergency Contact Number:

National Poisons Centre 0800 764 766 (0800 POISON) from anywhere in New Zealand
Poisons Information Centre: 13 1126 from anywhere in Australia



Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 th edition)
AICS	Australian Inventory of Chemical Substances
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (December 2011)

SAFETY DATA SHEET

Emergency Contact Number:

National Poisons Centre 0800 764 766 (0800 POISON) from anywhere in New Zealand
Poisons Information Centre: 13 1126 from anywhere in Australia



Product Name: Rippa
This version issues: November 2022

Section 1 - Identification of The Material and Supplier

Sime Darby Transport (NZ) Limited, Trading as TWL 920 Halswell Junction Road Christchurch 8042 New Zealand Phone: 0508 677 704 W: www.simemotors.co.nz	Omikron Auto Detailing Products Unit 1, 12 McPherson Road Smeaton Grange, NSW, 2567 Australia Phone: 02 9824 5966 W: www.omikron.com.au
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Chemical nature: Alkaline water solution of detergents and solvents.

Trade Name: **Rippa**

Product Use: Heavy duty, multipurpose cleaner and degreaser

Creation Date: **November 2022**

This version issued: **November 2022** and is valid for 5 years from this date.

Section 2 - Hazards Identification

Statement of Hazardous Nature

This product is classified as: Xi, Irritating. Hazardous according to the criteria of SWA.
Not a Dangerous Good according to the Australian Dangerous Goods (ADG) Code.

Risk Phrases: : R36/38. Irritating to eyes and skin

Safety Phrases: S23, S36, S24/25. Do not breathe spray mists. Wear suitable protective clothing. Avoid contact with skin and eyes

SUSMP Classification: S5

ADG Classification: None allocated. Not a Dangerous Good under the ADG Code.

UN Number: None allocated



GHS Signal word: WARNING

HAZARD STATEMENT:

- H315: Causes skin irritation.
- H320: Causes eye irritation.
- H335: May cause respiratory irritation.
- H402: Harmful to aquatic life.

PREVENTION

- P262: Do not get in eyes, on skin, or on clothing.
- P264: Wash contacted areas thoroughly after handling.
- P273: Avoid release to the environment.
- P281: Use personal protective equipment as required.

RESPONSE

- P362: Take off contaminated clothing and wash before reuse.
- P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P302+P352: IF ON SKIN: Wash with plenty of soap and water.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P332+P313: If skin irritation occurs: Get medical advice.
- P337+P313: If eye irritation persists: Get medical advice.
- P370+P378: Not combustible. Use extinguishing media suited to burning materials.

SAFETY DATA SHEET

Emergency Contact Number:

National Poisons Centre 0800 764 766 (0800 POISON) from anywhere in New Zealand
Poisons Information Centre: 13 1126 from anywhere in Australia

**STORAGE**

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

DISPOSAL

P501: If they can not be recycled, dispose of contents to an approved waste disposal plant and containers to landfill (see Section 13 of this SDS).

Emergency Overview

Physical Description & Colour: Pale green liquid

Odour: Mild odour.

Major Health Hazards: irritating to eyes and skin

Potential Health Effects

Inhalation:

Short Term Exposure: Available data indicates that this product is not harmful. However product may be mildly irritating, although unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: No data for health effects associated with long term inhalation.

Skin Contact:

Short Term Exposure: Available data indicates that this product is not harmful. It should present no hazards in normal use. However product is a skin irritant. Symptoms may include itchiness and reddening of contacted skin. Other symptoms may also become evident, but all should disappear once exposure has ceased.

Long Term Exposure: No data for health effects associated with long term skin exposure.

Eye Contact:

Short Term Exposure: This product is an eye irritant. Symptoms may include stinging and reddening of eyes and watering which may become copious. Other symptoms may also become evident. If exposure is brief, symptoms should disappear once exposure has ceased. However, lengthy exposure or delayed treatment may cause permanent damage.

Long Term Exposure: No data for health effects associated with long term eye exposure.

Ingestion:

Short Term Exposure: Significant oral exposure is considered to be unlikely. However, this product is an oral irritant. Symptoms may include burning sensation and reddening of skin in mouth and throat. Other symptoms may also become evident, but all should disappear once exposure has ceased.

Long Term Exposure: No data for health effects associated with long term ingestion.

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

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc,%	TWA (mg/m ³)	STEL (mg/m ³)
Sodium hydroxide	1310-73-2	0.67	2	Peak
Alkaline salts	secret	1	not set	not set
Detergent blend	secret	3-6	not set	not set
Solvent blend	various	5-15	not set	not set
Water	7732-18-5	to 100	not set	not set

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

SAFETY DATA SHEET**Emergency Contact Number:**

National Poisons Centre 0800 764 766 (0800 POISON) from anywhere in New Zealand
Poisons Information Centre: 13 1126 from anywhere in Australia



The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated 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.

Section 4 - First Aid Measures

General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Inhalation: No first aid measures normally required. However, if inhalation has occurred, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.

Skin Contact: Wash gently and thoroughly with warm water (use non-abrasive soap if necessary) for 10-20 minutes or until product is removed. Under running water, remove contaminated clothing, shoes and leather goods (e.g. watchbands and belts) and completely decontaminate them before reuse or discard. If irritation persists, repeat flushing and seek medical attention.

Eye Contact:

Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 20 minutes or until the product is removed, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. Obtain medical attention immediately. Take special care if exposed person is wearing contact lenses.

Ingestion: If swallowed, do NOT induce vomiting. Wash mouth with water and contact a Poisons Information Centre, or call a doctor.

Section 5 - Fire Fighting Measures

Fire and Explosion Hazards: The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

This product is likely to decompose only after heating to dryness, followed by further strong heating.

Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

Extinguishing Media: Not combustible. Use extinguishing media suited to burning materials.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade.

Flash point: Does not burn.

Upper Flammability Limit: Does not burn.

Lower Flammability Limit: Does not burn.

Autoignition temperature: Not applicable - does not burn.

Flammability Class: Does not burn.

Section 6 - Accidental Release Measures

Accidental release: : In the event of a major spill, prevent spillage from entering drains or water courses. Wear full protective clothing including eye/face protection. All skin areas should be covered. See below under Personal Protection regarding Australian Standards relating to personal protective equipment. Suitable materials for protective clothing include rubber, Viton, Nitrile. Eye/face protective equipment should comprise as a minimum, protective goggles. If there is a significant chance that vapours or mists are likely to build up in the cleanup area, we recommend that you use a respirator. Usually, no respirator is necessary when using this product. However, if you

SAFETY DATA SHEET

Emergency Contact Number:

National Poisons Centre 0800 764 766 (0800 POISON) from anywhere in New Zealand
Poisons Information Centre: 13 1126 from anywhere in Australia



Product Name: Rippa

This version issues: November 2022

have any doubts consult the Australian Standard mentioned below (section 8). Otherwise, not normally necessary. Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Recycle

containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. Contaminated area may be neutralised by washing with weak or dilute acid. Vinegar, citrus juice and most soft drinks may be suitable. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

Section 7 - Handling and Storage

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Storage: This product is a Scheduled Poison. Observe all relevant regulations regarding sale, transport and storage of this schedule of poison. Make sure that containers of this product are kept tightly closed. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Some liquid preparations settle or separate on standing and may require stirring before use. Check packaging - there may be further storage instructions on the label.

Section 8 - Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

SWA Exposure Limits	TWA (mg/m ³)	STEL (mg/m ³)
Sodium hydroxide	2	Peak

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: This product should only be used in a well ventilated area. If natural ventilation is inadequate, use of a fan is suggested.

Eye Protection: Protective glasses or goggles should be worn when this product is being used. Failure to protect your eyes may cause them harm. Emergency eye wash facilities are also recommended in an area close to where this product is being used.

Skin Protection: Prevent skin contact by wearing impervious gloves, clothes and, preferably, apron. Make sure that all skin areas are covered. See below for suitable material types.

Protective Material Types: We suggest that protective clothing be made from the following materials: rubber, Viton, nitrile.

Respirator: Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above. Otherwise, not normally necessary.

Eyebaths or eyewash stations and safety deluge showers should, if practical, be provided near to where this product is being handled commercially.

Section 9 - Physical and Chemical Properties:

Physical Description & colour: Pale green liquid

Odour: Mild odour.

SAFETY DATA SHEET

Emergency Contact Number:

National Poisons Centre 0800 764 766 (0800 POISON) from anywhere in New Zealand

Poisons Information Centre: 13 1126 from anywhere in Australia



Boiling Point:	Approximately 100°C at 100kPa.
Freezing/Melting Point:	0°C.
Volatiles:	Water component.
Vapour Pressure:	2.37 kPa at 20°C (water vapour pressure)
Vapour Density:	As for water.
Specific Gravity:	1.0
Water Solubility:	Completely soluble in water.
pH:	>12 (as supplied)
Volatility:	No data.
Odour Threshold:	No data.
Evaporation Rate:	As for water.
Coeff Oil/water Distribution:	No data
Autoignition temp:	Not applicable - does not burn.

Section 10 - Stability and Reactivity

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to Avoid: Keep containers tightly closed.

Incompatibilities: acids, strong oxidising agents

Fire Decomposition: This product is likely to decompose only after heating to dryness, followed by further strong heating. Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. May form nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas in reducing atmospheres. Sodium compounds. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

Polymerisation: This product will not undergo polymerisation reactions.

Section 11 - Toxicological Information

Local Effects:

Target Organs: There is no data to hand indicating any particular target organs.

Classification of Hazardous Ingredients

Ingredient Risk	Phrases
Sodium Hydroxide	>=0.5%Conc<2%:Xi;R36/38

Section 12 - Ecological Information

This product is biodegradable. It will not accumulate in the soil or water or cause long term problems. Expected to not be an environmental hazard. However, until diluted or neutralised it will kill all aquatic organisms it contacts due to extreme pH.

SAFETY DATA SHEET

Emergency Contact Number:

National Poisons Centre 0800 764 766 (0800 POISON) from anywhere in New Zealand
Poisons Information Centre: 13 1126 from anywhere in Australia



Section 13 - Disposal Considerations

Disposal: Containers should be emptied as completely as practical before disposal. If possible, recycle product and containers either in-house or send to recycle company. If this is not practical, send to a commercial waste disposal site.

Section 14 - Transport Information

ADG Code: This product is not classified as a Dangerous Good. No special transport conditions are necessary unless required by other regulations.

Section 15 - Regulatory Information

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations. The following ingredients: Sodium hydroxide, Alkaline salts are mentioned in the SUSMP.

Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 th edition)
AICS	Australian Inventory of Chemical Substances
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

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SAFETY DATA SHEET

Emergency Contact Number:

National Poisons Centre 0800 764 766 (0800 POISON) from anywhere in New Zealand
Poisons Information Centre: 13 1126 from anywhere in Australia



SAFETY DATA SHEET RECOSHEEN

1. IDENTIFICATION

Product Name	GRL
Other Names	Flammable Liquid N.O.S
Uses	Degreaser/Dewaxer
Chemical Family	No data available
Chemical Name	Solvent
Product Description	Degreaser/Dewaxer

Contact Details of the Supplier of this Safety Data Sheet

Organisation	Location	Website and Phone
Sime Darby Transport (NZ) Limited, Trading as TWL	920 Halswell Junction Road Christchurch 8042 New Zealand	W: www.twlnz.co.nz P: 0508 677 704
Omikron Auto Detailing Products PTY LTD	12 McPherson Rd, Smeaton Grange NSW 2567	W: www.omikron.com.au P: 02 9824 5966

Emergency Contact Details

For emergencies only; DO NOT contact these companies for general purpose advice.

Organisation	Location	Telephone
National Poisons Centre	Anywhere in New Zealand	0800 764 766 (0800 POISON)
Poisons Information Centre	Westmead NSW	1800 251 525
		131 126
Chemcall	Australia	1800 127 406

2. HAZARDS IDENTIFICATION

Hazardous Nature This product is classified as hazardous under the GHS for Australia criteria

GHS Pictogram



Signal Word Danger

Hazard Classifications Flammable Liquids - Category 2
Skin Corrosion/Irritation – Category 3
Specific Target Organ Toxicity (Repeated Exposure) – Category 1

Hazard Statements H225 Highly Flammable Liquid and Vapour
H304 May be fatal if swallowed
H315 Causes skin irritation
H336 May cause drowsiness or dizziness

	H373	May cause damage to organs through prolonged or repeated exposure
	H411	Toxic to aquatic life with lasting effects
Precautionary Statements	P102	Keep out of reach of children
	P103	Read label before use
	P202	Do not handle until all safety precautions have been read and understood
	P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
	P233	Keep container tightly closed
	P241	Use explosion proof electrical, ventilating, lighting and all other equipment
	P242	Use only non sparking tools
	P243	Take precautionary measures against static discharge
	P260	Do not breathe dust, fume, gas, mist, vapours or spray
	P262	Do not get in eyes, on skin or clothing
	P281	Use personal protective equipment as required.
	P301 + 312+ 101	IF SWALLOWED: call a POISON CENTRE/doctor, if you feel unwell, and have product container or label at hand
	P403	Store in a well ventilated place
Dangerous Goods Class	3	
Poisons Schedule	S5	Caution

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	CAS NO	Proportion
Solvent	64475-85-0	>60%
Solvent	8808-20-7	10-30%
White Oil	8012-95-1	<10%
Surfactant	9036-19-5	<10%
Perfume	-----	<10 %
Dye	85-83-6	<10%

4. FIRST AID MEASURES

Description of necessary measures according to routes of exposure

Swallowed:	If swallowed do NOT induce vomiting. Give a glass of water. Contact a doctor or poisons information centre.
Eye:	If in eyes, hold eyes open, flush with water for at least 15 min and see a doctor.
Skin:	Wipe off excess with tissue/towel. Seek medical attention if swelling/redness/blistering or irritation occurs.
Inhaled:	Remove to fresh air. Lay patient down. Keep warm and rested.
Advice To Doctors:	Material if aspirated into the lungs may cause chemical pneumonitis. Treat appropriately
Medical Conditions Aggravated by Exposure:	No information available on medical conditions aggravated by exposure to this product

5. FIRE FIGHTING MEASURES

General Measures:	If safe to do so, remove containers from the path of fire. Evacuate area and contact emergency services.
Flammability Conditions:	Product is a highly flammable liquid
Suitable Extinguishing Media:	Foam, dry chemical, CO ² , and water fog
Hazchem Code	3Y
Suitable Extinguishing Media	Alcohol Resistant Foam, Dry Chemical, CO ² , and water fog. Use water to cool exposed containers
Fire and Explosion Hazard	Flammable liquid and vapour
Hazards From Combustion Products	May produce toxic fumes of carbon monoxide
Special Fire Fighting Instructions	Heating can cause expansion or decomposition leading to violent rupture of containers. If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On burning or decomposing may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable Protective clothing if risk of exposure to vapour or products of combustion or decomposition.
Personal Protective Equipment	Wear a mist or dust mask, impervious gloves, chemical goggles and overalls. Normal personal hygiene practices should be followed.

6. ACCIDENTAL RELEASE MEASURES

General Response	Avoid accidents, clean up immediately. May be slippery when spilt. Eliminate all sources of ignition. Increase ventilation. Isolate the danger area. Use clean, non-sparking tools and equipment. Shut off all possible sources of ignition.
Clean Up Procedure:	
Containment:	Eliminate sources of ignition Warn occupants of downward area of possible fire and explosion hazard. Prevent liquid from entering sewers, water courses, or low-lying areas Keep the public away from the area. Shut off the sources of the spill if possible to safely do so Take measures to minimise the effect on the ground water Contain the spilled liquid with sand or earth Consult and expert on disposal of recovered material and ensure conformity to local disposal regulations
Decontamination:	Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation
Environmental	
Precautionary Measures:	Prevent fluid from escaping to drains and waterways
Evacuation Criteria:	No Data Available
Personal Precautionary Measures:	Wear suitable protective clothing

7. HANDLING AND STORAGE

Handling:	This product is flammable. Do not open near flame, sources of heat or ignition. No smoking. Avoid eye and skin contact. Avoid inhalation of vapour.
Storage:	Store in 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 all sources of heat and/or ignition. Keep containers closed when not in use. This product is flammable and will fuel a fire in progress.

Container: Store in original packaging as approved by manufacturer

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Occupation Exposure Limits:

	TWA ppm mg/m ³	STEL ppm mg/m ³
Solvent	Not established	Not established
Engineering Controls	Use in a well ventilated area. If mechanical exhaust ventilation is necessary, equipment should be explosion proof.	
Personal Protection	Safety shoes, overalls, gloves, safety glasses, respirator. Use with adequate ventilation. Always wash hands before smoking, eating, drinking, or using the toilet.	

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Odour	Mild petroleum smell
Colour	Red Colour
PH	No data available
Vapour Pressure	No established
Boiling Point	>140°C
Melting Point	No data available
Freezing Point	No data available
Solubility in Water:	Negligible
Specific Gravity:	0.9
Flashpoint:	38°C [IP 36/ASTM D-92]
Explosive Limits	0.7% [LEL] 5.0% [UEL]
Auto Ignition Temp	No data available
Evaporation Rate	No data available
Viscosity	No data available
Volatile Percent	No data available
VOC Volume	No data available

The values listed are indicative of this product's physical and chemical properties

10. STABILITY AND REACTIVITY

General Information

Chemical Stability:	Stable at room temperature and pressure
Conditions to Avoid:	Elevated temperatures and sources of ignition
Hazardous Decomposition Products:	Carbon Monoxide
Hazardous Polymerisation:	No data available
Incompatible Materials:	Incompatible with strong oxidisers

Hazardous Reactions:	Highly flammable
Materials to Avoid:	Incompatible with strong oxidisers
Hazardous Decomposition Products	Carbon oxides, silicone dioxide, formaldehyde
Hazardous Polymerisation	No Data available
Incompatible Materials:	No Data available
Hazardous Reactions:	No Data available

11. TOXICOLOGICAL INFORMATION

General Information:	No adverse health effects 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:	Can result in nausea and vomiting, and cause respiratory irritation
Eye:	Eyes irritant.
Skin:	Prolonged or repeated contact with sensitive skin may irritate and cause dermatitis. Not considered an irritant.
Inhaled:	Not normally a hazard
Chronic Effects:	Respiratory irritation, dizziness, nausea, loss of consciousness. Prolonged, repeated skin contact with low viscosity materials may defat the skin resulting in possible irritation and dermatitis
Carcinogen Category:	No Data Available

12. ECOLOGICAL INFORMATION

Ecotoxicity:	No information available
Persistence/Degradability	No information available
Mobility:	GRL is negligible with water
Environmental Fate	No information available
Bioaccumulation Potential	No information available
Environmental Impact	No information available

13. DISPOSAL CONSIDERATIONS

Refer to land waste management authority.

14. TRANSPORT INFORMATION

Proper Shipping Name	Flammable Liquid N.O.S (contains Benzene, Dimethyl)
Class:	3
Subsidiy Risk	N/A
EPG	N/A
UN Number	1300
Hazchem Code	3Y

Emergency Contact Number:

National Poisons Centre 0800 764 766 (0800 POISON) from anywhere in New Zealand
Poisons Information Centre: 13 1126 from anywhere in Australia

Pack Group	III
Special Provision	N/A
Dangerous Good Classification	Classified as a Dangerous Good according to the criteria of the Australian Code For the transport of Dangerous Goods by Road and Rail (ADG Code)

15. REGULATORY INFORMATION

Poisons Schedule Number: S5

City/Region: Australia

16. OTHER INFORMATION

Related Product Codes 350, 351, 353
Reasons for Issue Upgrade to GHS SDS

ORGANISATION	TELEPHONE	ASK FOR
National Poisons Centre	0800 764 766 (0800 POISON)	
Poisons Information Centre	131126	
Omikron Auto Detailing Pty Ltd	02 9824 5966	Luke Doven
Fire Brigade	000	Fire Brigade
Police	000	Police

This Safety Data Sheet Summarises at the date of issue our best knowledge of the health and safety hazard information of the products, and in particular how to safely handle and use the product in the workplace. Since Omikron Auto Detailing Products Pty Ltd cannot participate or control the conditions under which the product may be used, each user must, prior to usage, review this Safety Data Sheet in the context of how the user intends to handle and use the product in the workplace.

END OF Safety Data Sheet



Section 1 - Identification of The Material and Supplier

Sime Darby Transport (NZ) Limited, Trading as TWL 920 Halswell Junction Road Christchurch 8042 New Zealand Phone: 0508 677 704 W: www.twlnz.co.nz	Omikron Auto Detailing Products Unit 1, 12 McPherson Road Smeaton Grange, NSW, 2567 Australia Phone: 02 9824 5966 W: www.omikron.com.au
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Chemical nature: Water solution of surfactants, solvents and other cleaning aids

Trade Name: **RG Degreaser**

Product Use: Multi-purpose cleaner and insect remover.

Creation Date: **November 2022**

This version issued: **November 2022** and is valid for 5 years from this date.

Section 2 - Hazards Identification

Statement of Hazardous Nature

This product is classified as: Xi, Irritating. Hazardous according to the criteria of SWA. Not a Dangerous Good according to the Australian Dangerous Goods (ADG) Code.

Risk Phrases: R66, R36/37/38. Repeated exposure may cause skin dryness or cracking. Irritating to eyes, respiratory system and skin.

Safety Phrases: S23, S26, S38, S24/25, S37/39. Do not breathe vapours or mists. In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin and eyes. Wear suitable gloves and eye/face protection.

SUSMP Classification: None allocated.

ADG Classification: None allocated. Not a Dangerous Good under the ADG Code.

UN Number: None allocated



GHS Signal word: **WARNING**

HAZARD STATEMENT:

AUH066: Repeated exposure may cause skin dryness or cracking.

H315: Causes skin irritation.

H320: Causes eye irritation.

PREVENTION

P261: Avoid breathing fumes, mists, vapours or spray.

P262: Do not get in eyes, on skin, or on clothing.

P264: Wash contacted areas thoroughly after handling.

P271: Use only outdoors or in a well ventilated area.

P280: Wear protective gloves, protective clothing and eye or face protection

RESPONSE

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

SAFETY DATA SHEET

Emergency Contact Number:

National Poisons Centre 0800 764 766 (0800 POISON) from anywhere in New Zealand

Poisons Information Centre: 13 1126 from anywhere in Australia



P332+P313: If skin irritation occurs: Get medical advice.

P337+P313: If eye irritation persists: Get medical advice.

P370+P378: Not combustible. Use extinguishing media suited to burning materials.

STORAGE

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

DISPOSAL

P501: If they can not be recycled, dispose of contents to an approved waste disposal plant and containers to landfill (see Section 13 of this SDS).

Emergency Overview

Physical Description & Colour: 2UDQJH liquid.

Odour: /HPRQ VFHQWHG

Major Health Hazards: irritating to eyes, respiratory system and skin, repeated exposure may cause skin dryness or cracking.

Inhalation:

Short Term Exposure: Available data indicates that this product is an inhalation irritant. Symptoms may include headache, irritation of nose and throat and increased secretion of mucous in the nose and throat. Other symptoms may also become evident, but they should disappear after exposure has ceased.

Long Term Exposure: No data for health effects associated with long term inhalation.

Skin Contact:

Short Term Exposure: Available data indicates that this product is a skin irritant. Symptoms may include itchiness and reddening of contacted skin. Other symptoms may also become evident, but all should disappear once exposure has ceased.

Long Term Exposure: Repeated exposure may cause skin dryness or cracking.

Eye Contact:

Short Term Exposure: This product is an eye irritant. Symptoms may include stinging and reddening of eyes and watering which may become copious. Other symptoms may also become evident. If exposure is brief, symptoms should disappear once exposure has ceased. However, lengthy exposure or delayed treatment may cause permanent damage.

Long Term Exposure: No data for health effects associated with long term eye exposure.

Ingestion:

Short Term Exposure: Significant oral exposure is considered to be unlikely. However, this product is an oral irritant. Symptoms may include burning sensation and reddening of skin in mouth and throat. Other symptoms may also become evident, but all should disappear once exposure has ceased.

Long Term Exposure: No data for health effects associated with long term ingestion.

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.

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc, %	TWA (mg/m ³)	STEL (mg/m ³)
Ethanolamine 141-43	-5	5	7.5	15
Nonionic surfactant	Secret	3-6	not set	not set
Dipropylene glycol methyl ether	34590-94-8	3-6	308	not set
Other non hazardous ingredients	Various	to 100	not set	not set

SAFETY DATA SHEET

Emergency Contact Number:

National Poisons Centre 0800 764 766 (0800 POISON) from anywhere in New Zealand
Poisons Information Centre: 13 1126 from anywhere in Australia



This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated 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.

Section 4 - First Aid Measures

General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 0800 764 766 in New Zealand and is available at all times. Have this SDS with you when you call.

Inhalation: If irritation occurs, contact a Poisons Information Centre, or call a doctor. Remove source of contamination or move victim to fresh air. If breathing is difficult, oxygen may be beneficial if administered by trained personnel, preferably on a doctor's advice. In severe cases, symptoms of pulmonary oedema can be delayed up to 48 hours after exposure.

Skin Contact: Wash gently and thoroughly with warm water (use non-abrasive soap if necessary) for 10-20 minutes or until product is removed. Under running water, remove contaminated clothing, shoes and leather goods (e.g. watchbands and belts) and completely decontaminate them before reuse or discard. If irritation persists, repeat flushing and seek medical attention.

Eye Contact: : Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 20 minutes or until the product is removed, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. Obtain medical attention immediately. Take special care if exposed person is wearing contact lenses.

Ingestion: If swallowed, do NOT induce vomiting. Wash mouth with water and contact a Poisons Information Centre, or call a doctor.

Section 5 - Fire Fighting Measures

Fire and Explosion Hazards: The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness.

Fire decomposition products from this product are not expected to be hazardous or harmful.

Extinguishing Media: Not combustible. Use extinguishing media suited to burning materials.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade.

Flash point:	Does not burn.
Upper Flammability Limit:	Does not burn.
Lower Flammability Limit:	Does not burn.
Autoignition temperature:	Not applicable - does not burn.
Flammability Class:	Does not burn.

SAFETY DATA SHEET

Emergency Contact Number:

National Poisons Centre 0800 764 766 (0800 POISON) from anywhere in New Zealand
Poisons Information Centre: 13 1126 from anywhere in Australia



Section 6 - Accidental Release Measures

Accidental release: : In the event of a major spill, prevent spillage from entering drains or water courses. Wear full protective clothing including eye/face protection. All skin areas should be covered. See below under Personal Protection regarding Australian Standards relating to personal protective equipment. Suitable materials for protective clothing include rubber, Viton, Nitrile, butyl rubber, Barricade, neoprene, Teflon, polyethylene, PE/EVAL, Saranex, Responder. Eye/face protective equipment should comprise as a minimum, protective glasses and, preferably, goggles. If there is a significant chance that vapours or mists are likely to build up in the cleanup area, we recommend that you use a respirator. Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned below (section 8). Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. Contaminated area may be neutralised by washing with weak or dilute acid. Vinegar, citrus juice and most soft drinks may be suitable. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

Section 7 - Handling and Storage

Handling: : Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Storage: Make sure that containers of this product are kept tightly closed. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Some liquid preparations settle or separate on standing and may require stirring before use. Check packaging - there may be further storage instructions on the label.

Section 8 - Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

SWA Exposure Limits	TWA (mg/m ³)	STEL (mg/m ³)
Ethanolamine	7.5	15
Dipropylene glycol methyl ether	308	not set

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: No special ventilation requirements are normally necessary for this product. However make sure that the work environment remains clean and that vapours and mists are minimised.

SAFETY DATA SHEET

Emergency Contact Number:

National Poisons Centre 0800 764 766 (0800 POISON) from anywhere in New Zealand
Poisons Information Centre: 13 1126 from anywhere in Australia



Eye Protection: Protective glasses or goggles should be worn when this product is being used. Failure to protect your eyes may cause them harm. Emergency eye wash facilities are also recommended in an area close to where this product is being used.

Skin Protection: Prevent skin contact by wearing impervious gloves, clothes and, preferably, apron. Make sure that all skin areas are covered. See below for suitable material types.

Protective Material Types: We suggest that protective clothing be made from the following materials: rubber, Viton, nitrile, butyl rubber, Barricade, neoprene, Teflon, polyethylene, PE/EVAL, Saranex, Responder.

Respirator: Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

Eyebaths or eyewash stations and safety deluge showers should, if practical, be provided near to where this product is being handled commercially.

Section 9 - Physical and Chemical Properties:

Physical Description & colour:	2UDQJH liquid.
Odour:	/HPRQ VFHQWHG
Boiling Point:	95-99°C at 100kPa
Freezing/Melting Point:	0°C.
Volatiles:	Water component.
Vapour Pressure:	2.37 kPa at 20°C (water vapour pressure).
Vapour Density:	As for water.
Specific Gravity:	0.99 approx.
Water Solubility:	Completely soluble in water.
pH:	9 to 10 (as supplied)
Volatility:	No data.
Odour Threshold:	No data.
Evaporation Rate:	As for water.
Coeff Oil/water Distribution:	No data
Autoignition temp:	Not applicable - does not burn.

Section 10 - Stability and Reactivity

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to Avoid: Keep containers tightly closed.

Incompatibilities: acids, zinc, tin, aluminium and their alloys.

Fire Decomposition: : Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness. Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. May form nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas in reducing atmospheres. Sodium compounds. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

Polymerisation: This product will not undergo polymerisation reactions.

SAFETY DATA SHEET

Emergency Contact Number:

National Poisons Centre 0800 764 766 (0800 POISON) from anywhere in New Zealand
Poisons Information Centre: 13 1126 from anywhere in Australia



Section 11 - Toxicological Information

Local Effects:

Target Organs:

There is no data to hand indicating any particular target organs.

Classification of Hazardous Ingredients

Ingredient	Risk Phrases
Ethanolamine	=5%Conc<10%:Xi;R36/37/38

Section 12 - Ecological Information

Insufficient data to be sure of status. May be harmful to aquatic organisms.

Section 13 - Disposal Considerations

Disposal: : Containers should be emptied as completely as practical before disposal. If possible, recycle product and containers either in-house or send to recycle company. If this is not practical, send to a commercial waste disposal site.

Section 14 - Transport Information

ADG Code: This product is not classified as a Dangerous Good. No special transport conditions are necessary unless required by other regulations.

Section 15 - Regulatory Information

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations. The following ingredient: Alkaline salts, is mentioned in the SUSMP.

Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 th edition)
AICS	Australian Inventory of Chemical Substances
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)

SAFETY DATA SHEET

Emergency Contact Number:

National Poisons Centre 0800 764 766 (0800 POISON) from anywhere in New Zealand
Poisons Information Centre: 13 1126 from anywhere in Australia



R-Phrase
SUSMP
UN Number

Risk Phrase
Standard for the Uniform Scheduling of Medicines & Poisons
United Nations Number

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (December 2011)

SAFETY DATA SHEET

Emergency Contact Number:

National Poisons Centre 0800 764 766 (0800 POISON) from anywhere in New Zealand
Poisons Information Centre: 13 1126 from anywhere in Australia



Product Name: Purple Power Foam Wash & Wax
This version issues: November 2022

Section 1 - Identification of The Material and Supplier

Sime Darby Transport (NZ) Limited, Trading as TWL 920 Halswell Junction Road Christchurch 8042 New Zealand Phone: 0508 677 704 W: www.simemotors.co.nz	Omikron Auto Detailing Products Unit 1, 12 McPherson Road Smeaton Grange, NSW, 2567 Australia Phone: 02 9824 5966 W: www.omikron.com.au
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Chemical nature: Water solution of ingredients.
Trade Name: Purple Power Foam Wash & Wax
Product Use: Truck and car washing detergent.
Creation Date: November 2022
This version issued: November 2022 and is valid for 5 years from this date.

Section 2 - Hazards Identification

Statement of Hazardous Nature

This product is classified as: Xi, Irritating. Hazardous according to the criteria of SWA.
 Not a Dangerous Good according to the Australian Dangerous Goods (ADG) Code.

Risk Phrases: R36, R66. Irritating to eyes. Repeated exposure may cause skin dryness or cracking.

Safety Phrases: S23, S36, S24/25. Do not breathe spray mists. Wear suitable protective clothing. Avoid contact with skin and eyes.

SUSMP Classification: None allocated.

ADG Classification: None allocated. Not a Dangerous Good under the ADG Code.

UN Number: None allocated



GHS Signal word: WARNING

HAZARD STATEMENT:

AUH066: Repeated exposure may cause skin dryness or cracking.
 H320: Causes eye irritation.

PREVENTION

P262: Do not get in eyes, on skin, or on clothing.
 P264: Wash contacted areas thoroughly after handling.
 P281: Use personal protective equipment as required.

RESPONSE

P353: Rinse skin or shower with water.
 P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 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: Not combustible. Use extinguishing media suited to burning materials.

STORAGE

P402+P404: Store in a dry place. Store in a closed container.

DISPOSAL

P501: If they can not be recycled, dispose of contents to an approved waste disposal plant and containers to landfill (see Section 13 of this SDS).

SAFETY DATA SHEET

Emergency Contact Number:

National Poisons Centre 0800 764 766 (0800 POISON) from anywhere in New Zealand
 Poisons Information Centre: 13 1126 from anywhere in Australia



Emergency Overview

Physical Description & Colour: Blue coloured viscous liquid.

Odour: Bubblegum fragrance.

Major Health Hazards: eye irritant, repeated exposure may cause skin dryness or cracking.

Inhalation:

Short Term Exposure: Available data indicates that this product is not harmful. In addition product is unlikely to cause any discomfort or irritation.

Long Term Exposure: No data for health effects associated with long term inhalation.

Skin Contact:

Short Term Exposure: Available data indicates that this product is not harmful. It should present no hazards in normal use. However product may be irritating, but is unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: Repeated exposure may cause skin dryness or cracking.

Eye Contact:

Short Term Exposure: This product is an eye irritant. Symptoms may include stinging and reddening of eyes and watering which may become copious. Other symptoms may also become evident. If exposure is brief, symptoms should disappear once exposure has ceased. However, lengthy exposure or delayed treatment may cause permanent damage.

Long Term Exposure: No data for health effects associated with long term eye exposure.

Ingestion:

Short Term Exposure: Significant oral exposure is considered to be unlikely. However, this product is an oral irritant. Symptoms may include burning sensation and reddening of skin in mouth and throat. Other symptoms may also become evident, but all should disappear once exposure has ceased.

Long Term Exposure: No data for health effects associated with long term ingestion.

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.

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc, %	TWA (mg/m ³)	STEL (mg/m ³)
Dodecylbenzene sulfonic acid	68584-22-5	5-15	not set	not set
Alkaline salts	Secret	5-15	not set	not set
Other non hazardous ingredients	various	<5	not set	not set
Water	7732-18-5	to 100	not set	not set

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated 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.

SAFETY DATA SHEET

Emergency Contact Number:

National Poisons Centre 0800 764 766 (0800 POISON) from anywhere in New Zealand
Poisons Information Centre: 13 1126 from anywhere in Australia



Section 4 - First Aid Measures

General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 0800 764 766 in New Zealand and is available at all times. Have this SDS with you when you call.

Inhalation: First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor. **Skin**

Contact: Wash gently and thoroughly with water (use non-abrasive soap if necessary) for 5 minutes or until chemical is removed.

Eye Contact: Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 20 minutes or until the product is removed, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. Obtain medical attention immediately. Take special care if exposed person is wearing contact lenses.

Ingestion: If swallowed, do NOT induce vomiting. Wash mouth with water and contact a Poisons Information Centre, or call a doctor.

Section 5 - Fire Fighting Measures

Fire and Explosion Hazards: The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness.

Fire decomposition products from this product are not expected to be hazardous or harmful.

Extinguishing Media: Not combustible. Use extinguishing media suited to burning materials.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade.

Flash point: Does not burn.

Upper Flammability Limit: Does not burn.

Lower Flammability Limit: Does not burn.

Autoignition temperature: Not applicable - does not burn.

Flammability Class: Does not burn.

Section 6 - Accidental Release Measures

Accidental release: In the event of a major spill, prevent spillage from entering drains or water courses. Wear full protective clothing including eye/face protection. All skin areas should be covered. See below under Personal Protection regarding Australian Standards relating to personal protective equipment. Suitable materials for protective clothing include rubber, PVC. Eye/face protective equipment should comprise as a minimum, protective glasses and, preferably, goggles. If there is a significant chance that vapours or mists are likely to build up in the cleanup area, we recommend that you use a respirator. Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned below (section 8).

Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Can be slippery on floors, especially when wet. Recycle containers wherever possible after

SAFETY DATA SHEET

Emergency Contact Number:

National Poisons Centre 0800 764 766 (0800 POISON) from anywhere in New Zealand
Poisons Information Centre: 13 1126 from anywhere in Australia



Careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

Section 7 - Handling and Storage

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Storage: Make sure that containers of this product are kept tightly closed. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Some liquid preparations settle or separate on standing and may require stirring before use. Check packaging - there may be further storage instructions on the label.

Section 8 - Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

SWA Exposure Limits	TWA (mg/m³)	STEL (mg/m³)
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Exposure limits have not been established by SWA for any of the significant ingredients in this product.

The ADI for Dodecylbenzene sulfonic acid is set at 0.25mg/kg/day. The corresponding NOEL is set at 25mg/kg/day. ADI means Acceptable Daily Intake; NOEL means No-observable-effect-level. Data from Australian ADI List, June 2013.

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: No special ventilation requirements are normally necessary for this product. However make sure that the work environment remains clean and that vapours and mists are minimised.

Eye Protection: Protective glasses or goggles should be worn when this product is being used. Failure to protect your eyes may cause them harm. Emergency eye wash facilities are also recommended in an area close to where this product is being used.

Skin Protection: You should avoid contact even with mild skin irritants. Therefore you should wear suitable impervious elbow-length gloves and facial protection when handling this product. See below for suitable material types.

Protective Material Types: We suggest that protective clothing be made from the following materials: rubber, PVC.

Respirator: Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

Eyebaths or eyewash stations and safety deluge showers should, if practical, be provided near to where this product is being handled commercially.

SAFETY DATA SHEET

Emergency Contact Number:

National Poisons Centre 0800 764 766 (0800 POISON) from anywhere in New Zealand
Poisons Information Centre: 13 1126 from anywhere in Australia



Product Name: Purple Power Foam Wash & Wax
This version issues: November 2022

Section 9 - Physical and Chemical Properties:

Physical Description & colour:	Blue coloured viscous liquid.
Odour:	Bubblegum fragrance.
Boiling Point:	Approximately 100°C at 100kPa.
Freezing/Melting Point:	Below 0°C.
Volatiles:	Water component.
Vapour Pressure:	2.37 kPa at 20°C (water vapour pressure).
Vapour Density:	As for water.
Specific Gravity:	0.98 approx.
Water Solubility:	Completely soluble in water.
pH:	7 to 8 (as supplied)
Volatility:	No data.
Odour Threshold:	No data.
Evaporation Rate:	As for water.
Coeff Oil/water Distribution:	No data
Autoignition temp:	Not applicable - does not burn.

Section 10 - Stability and Reactivity

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to Avoid: Keep containers tightly closed.

Incompatibilities: strong oxidising agents.

Fire Decomposition: Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness. Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. May form oxides of sulfur (sulfur dioxide is a respiratory hazard) and other sulfur compounds. Most will have a foul odour. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

Polymerisation: This product will not undergo polymerisation reactions.

Section 11 - Toxicological Information

Local Effects:

Target Organs: There is no data to hand indicating any particular target organs.

Classification of Hazardous Ingredients

Ingredient Risk	Phrases
No ingredient mentioned in the	SIS Database is present in this product at hazardous concentrations.

Section 12 - Ecological Information

Insufficient data to be sure of status.

SAFETY DATA SHEET

Emergency Contact Number:

National Poisons Centre 0800 764 766 (0800 POISON) from anywhere in New Zealand
Poisons Information Centre: 13 1126 from anywhere in Australia



Section 13 - Disposal Considerations

Disposal: Containers should be emptied as completely as practical before disposal. If possible, recycle product and containers either in-house or send to recycle company. If this is not practical, send to a commercial waste disposal site.

Section 14 - Transport Information

ADG Code: This product is not classified as a Dangerous Good. No special transport conditions are necessary unless required by other regulations.

Section 15 - Regulatory Information

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations. The following ingredient: Alkaline salts, is mentioned in the SUSMP.

Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 th edition)
AICS	Australian Inventory of Chemical Substances
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (December 2011)

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