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**

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).

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.

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

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/m^3)** **STEL (mg/m^3)**

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.

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.

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 (7th 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: RG Degreaser
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.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**

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.

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

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.

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.

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.

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 (7th 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)

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	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)

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**

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.

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.

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

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.

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.

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 (7th 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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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: Final Reflection
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**

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.

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.

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.

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)
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

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.

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 (7th 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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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.

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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	**Recosheen**
Other Names	Armourall
Uses	Leather & Vinyl rejuvenator and protector
Chemical Family	No data available
Chemical Formula	Recosheen
Chemical Name	No Data Available
Product Description	

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 INDENTIFICATION

Poisons Schedule (Aust) - Globally Harmonised System

Hazard Classification Not classified as hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

3. COMPOSTION/INFORMATION ON INGREDIENTS

Chemical Entity	CAS NO	Proportion
Sealing Emulsion	------	10-30 %
Fragrance	------	<10 %
Water	7732 – 18 – 5	to 100 %

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:	Treat symptomatically based on judgement of doctor and individual reactions of patient.
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 non-flammable liquid
Suitable Extinguishing Media:	Foam, dry chemical, CO^2, and water fog
Fire and Explosion Hazard:	N/A
Hazards From Combustion Products:	Thermal breakdown of this product during fire or very high conditions may evolve the following hazardous decomposition products. Carbon dioxides and traces of incompletely burned carbon compounds. Silicone dioxide, formaldehyde.
Special Fires Fighting Instructions:	Under fire conditions it will break down and the organic component may burn. Not considered to be a significant fire risk.
Personal Protective Equipment:	Wear a mist or dust mask, impervious gloves, chemical goggles and overalls. Normal personal hygiene practices should be followed.
Flash Point:	No data available
Lower Explosion Limit:	No data available
Upper Explosion Limit:	No data available
Auto Ignition Temperature:	No data available
Hazchem Code:	Not Applicable

6. ACCIDENTAL RELEASE MEASURES

General Response Procedures:	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:	Scrape up with shovels and place in suitable containers for disposal
Containment:	Prevent runoff into drains and waterways. Collect and seal in properly labelled drums for disposal. Refer to state land waste management authority.
Decontamination:	No Data Available
Environmental Precautionary Measures:	No Data Available

Evacuation Criteria:	No Data Available
Personal Precautionary Measures:	No Data Available

7. HANDLING AND STORAGE

Handling:	This product is safe to handle
Storage:	Store in cool dry area
Container:	Store in original packaging as approved by manufacturer

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards:	None determined
Engineering Controls	Use in a well ventilated area. .
Personal Protection	No Data Available

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance:	Creamy
Odour	Slight colour
Colour	White
PH	No data available
Vapour Pressure	No data available
Boiling Point	No data available
Melting Point	No data available
Freezing Point	No data available
Solubility in Water:	No data available
Specific Gravity:	>1.0
Flashpoint:	>101 °C
Auto Ignition Temp	No data available
Evaporation Rate	No data available
Bulk Density	No data available
Corrosive Rate	No data available
Decomposition Temperature	No data available
Density	No data available
Specific Heat	No data available
Molecular Weight	No data available
Net Propellant Weight	No data available
Octanol Water Coefficient	No data available
Particle Size	No data available
Partition Coefficient	No data available
Saturated Vapour Concentration	No data available
Vapour Temperature	No data available
Viscosity	No data available
Volatile Percent	No data available
VOC Volume	No data available
Additional Characteristics	No data available
Potential for Dust Explosion Fast or Intensely Burning	No data available

Characteristics	No data available
Flame Propagation or Burning Rate of Solid Materials	No data available
Non-Flammables the could Contribute to Unusual hazards to a Fire	No data available
Properties that May initiate or Contribute to Fire Intensity	No data available
Reactions that release Gases or Vapours	No data available
Release of invisible Flammable Vapours and Gases	No data available

10. STABILITIY AND REACTIVITY

General Information

Chemical Stability:	Stable product
Conditions to Avoid:	No data available
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:	Principal hazards are accidental eye contact and cleaner overuse. Overuse of obsessive cleaning may lead to de-fatting of the skin and may cause irritation, dry, cracking, leading to dermatitis.
Ingestion:	Swallowing large amounts can cause digestive discomfort
Eye:	Eyes irritant.
Skin:	No know adverse effects
Inhaled:	May irritate respiratory passages
Cacinogen Category:	No Data Available

12. ECOLOGICAL INFORMATION

Ecotoxicity:	No information available
Persistence/Degradability	No information available
Mobility:	No information available
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	Recosheen
Class:	N/A
Subsidy Risk	N/A
EPG	N/A
UN Number	N/A
Hazchem Code	N/A
Pack Group	N/A
Special Provision	N/A
Dangerous Good Classification	Not 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: n/a

16. OTHER INFORMATION

Related Product Codes 250, 250A, 251, 252

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

SAFETY DATA SHEET

DEOFRESH - ICE

OMIKRON AUTO DETAILING PRODUCTS

Product code **ICE**
Version No: **1.1.1**
Issue date: **13/08/2025**

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

Product Identifier

Product name	DEOFRESH - ICE
Product code	ICE
Pack sizes	250ml / 1L / 5L/ 20L
Proper shipping name	ETHANOL SOLUTION

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

Relevant identified uses	Air Freshener and Deodoriser

Details of the manufacturer/importer

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	Flammable Liquid Category 3, Eye Damage/ Irritation Category 1, Sensitisation – Skin Category 1.
	Classification drawn from HCIS and ECHA C&L Inventory.

Label elements

Hazard pictograms	
SIGNAL WORD	**DANGER**

Hazard statement(s)

H226	Flammable liquid and vapour.
H317	May cause allergic skin reaction
H318	Causes serious eye damage

Precautionary statement(s) Prevention

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. **No smoking**.
P233	Keep container tightly closed.
P240	Ground/Bond container and receiving equipment.
P241	Use explosion-proof electrical / ventilating / lighting / intrinsically safe equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing mist /vapous/spray
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/eye protection.

Precautionary statement(s) Response

P303+P361+P353+P333+P313	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention.
P305+P351+P338+P310	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a POISON CENTRE or doctor
P370+P378	In case of fire: Use alcohol resistant foam or normal protein foam for extinction.
P363	Wash contaminated clothing before reuse.

Precautionary statement(s) Storage

P403+P235	Store in a well-ventilated place. Keep cool.

Precautionary statement(s) Disposal

P501	Dispose of contents / container in accordance with local government regulations.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances

See section below for composition of Mixtures

Mixtures

CAS No	%[weight]	Name
64-17-5	10 - <30	Ethanol
Trade secret	<10	Proprietary nonionic surfactant
63449-41-2	<10	Quaternary ammonium compound
Various	<10	Fragrance

SECTION 4 FIRST AID MEASURES

Description of first aid measures

Eye Contact	If this product comes in contact with the eyes: Wash out immediately with fresh 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. Seek medical advice/attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	If skin contact occurs: Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of rash or irritation.
Inhalation	If fumes or combustion products are inhaled remove from contaminated area. Lay patient down. Keep warm and rested. If patient is having difficulty breathing seek medical advice / attention.
Ingestion	If swallowed do **NOT** induce vomiting. Immediately seek medical advice / attention. 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. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. If spontaneous vomiting appears imminent or occurs, hold patient's head down, lower than their hips to help avoid possible aspiration of vomitus.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 FIREFIGHTING MEASURES

Extinguishing media

Extinguishing media	Foam. Dry chemical powder. BCF (where regulations permit). Carbon dioxide. Water spray or fog - Large fires only.

Special hazards arising from the substrate or mixture.

Fire incompatibilities	Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result

Advice for firefighters

Fire Fighting	Alert Fire Brigade and tell them location and nature of hazard. Wear full body protective clothing with breathing apparatus. Prevent, by any means available, spillage from entering drains or water course. **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. *Caution: Use of water spray when fighting fire may be inefficient.
Fire/Explosion Hazard	HIGHLY FLAMMABLE LIQUID: Low flashpoint - Will be easily ignited by heat, sparks or flames at ambient temperatures Risk of violent reaction or explosion! Heating can cause expansion or decomposition leading to violent rupture of containers. Vapours will form explosive mixtures with air. Vapours will travel to source of ignition and flash back. Many vapours are heavier than air and will collect in low or confined areas. Vapours from the runoff may create an explosion hazard. Fire may produce irritating and/or toxic gases, including oxides of Carbon and Nitrogen, smoke and other toxic fumes.
HAZCHEM	3Y

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Minor Spills	Remove all ignition sources. Avoid breathing vapours and contact with skin and eyes. Wipe up using paper towel or equivalent and dispose of safely.
Major Spills	Spill or leak area should be isolated immediately. Keep unauthorised personnel away. Keep upwind and to higher ground. No smoking, naked lights or ignition sources. Ensure adequate ventilation. All equipment used in handling the product must be earthed. Do not touch or walk through spilled material - Slippery when spilt. Avoid breathing vapours and contact with eyes, Absorb on sand, dirt, vermiculite or similar absorbent material. Place into labeled 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 the SDS

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Safe handling	Containers, even those that have been emptied, may contain explosive vapours. Do NOT cut, drill, grind, weld or perform similar operations on or near containers. **Contains low boiling substance:** Check for bulging containers. Vent periodically Always release caps or seals slowly to ensure slow dissipation of vapours.
Other information	Store in original containers. Keep containers securely sealed. No smoking, naked lights or ignition sources. Store in a cool, dry, well-ventilated area out of direct sunlight. Store away from incompatible materials and foodstuff containers. Protect containers against physical damage and check regularly for leaks. Observe manufacturer's storage and handling recommendations contained within this SDS.

Conditions for safe storage, including any incompatibilities.

Suitable container	Keep in original container
Storage incompatibility	Avoid storing with **oxidising** agents

PACKAGE MATERIAL INCOMPATIBILITIES

Not Available

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	ethanol, denatured	Ethyl alcohol	1880 mg/m3 / 1000 ppm	Not Available	Not Available	Not Available

EMERGENCY LIMITS

Ingredient	Material name	TEEL-1	TEEL-2	TEEL-3
ethanol, denatured	Ethyl alcohol	Not Available	Not Available	Not Available

Ingredient	Original IDLH	Revised IDLH
ethanol, denatured	15.000 ppm	3,3000[LEL] ppm

Exposure controls

Appropriate engineering controls	Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate. If ventilation is poor, then the use of a local exhaust ventilation system is recommended.
Personal protection	
Eye and face protection	Wear safety glasses with side shields or chemical goggles if splashing is likely.
Skin protection	See Hand protection below
Hands/feet protection	Wear chemical protective gloves, e.g. PVC.
Body protection	See Other protection below
Other protection	Not usually necessary.
Thermal hazards	Not Available

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Blue liquid

Physical state	Liquid	**Relative density (Water = 1)**	Not Available
Odour	Fresh / Crisp	**Partition coefficient n-octanol / water**	Not Available
Odour threshold	Not Available	**Auto-ignition temperature**	Not Available
pH (as supplied)	7 - 8	**Decomposition temperature**	Not Available
Melting point / freezing point (°C)	Not Available	**Viscosity (cSt)**	Not Available
Initial boiling point and boiling range (°C)	Not Available	**Molecular weight (g/mol)**	Not Available
Flash point (°C)	Not Available	**Taste**	Not Available
Evaporation rate	Not Available	**Explosive properties**	Not Available
Flammability	Highly flammable	**Oxidising properties**	Not Available
Upper Explosive Limit (%)	Not Available	**Surface Tension (mN/m)**	Not Available
Lower Explosive Limit (%)	Not Available	**Volatile Component (%vol)**	>90
Vapour pressure (Pa)	Not Available	**Gas group**	Not Available
Solubility in water (g/L)	Completely soluble	**pH as a solution (1%)**	Not Applicable
Vapour density (Air = 1)	Not Available	**VOC g/L**	Not Available

SECTION 10 STABILITY AND REACTIVITY

Reactivity	See section 7
Chemical stability	Unstable in the presence of incompatible materials. Product is considered stable. Hazardous polymerisation will not occur.
Possibility of hazardous reactions	No known hazardous reactions.
Conditions to avoid	See section 7
Incompatible materials	Incompatible/reactive with oxidising agents.
Hazardous decomposition products	See section 5

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Inhaled	Inhalation of vapours may cause drowsiness and dizziness. This may be accompanied by sleepiness, reduced alertness, loss of reflexes, lack of co-ordination, and vertigo.
Ingestion	Accidental ingestion of the material may be damaging to the health of the individual.
Skin Contact	Skin contact may cause irritation
Eye	Material may cause eye damage.
Chronic	No relevant data is available

Toxicological effects of ingredients

ethanol	Acute toxicity	Oral LD50 (mouse) 3450 mg/kg Inhalation LC50 (rat) 2000 ppm/10hrs
	Skin corrosion/irritation	Irritating to skin. Prolonged contact may result in drying and defatting of the skin, rash and dermatitis.
	Eye damage/irritation	Irritating to eyes. Exposure may result in lacrimation, irritation, pain and redness
	Respiratory/skin sensitization	No Data Available
	Germ cell mutagenicity	No Data Available
	Carcinogenicity	No Data Available
	Reproductive toxicity	No Data Available
	STOT (single exposure)	No Data Available
	STOT (repeated exposure)	Chronic ingestion may result in cirrhosis of the liver
	Aspiration toxicity	No Data Available
proprietary nonionic surfactant	Acute toxicity	May be harmful if swallowed. Swallowing may result in irritation of the gastrointestinal tract.
	Skin corrosion/irritation	Irritating
	Eye damage/irritation	Causes serious eye damage.
	Respiratory/skin sensitization	No available data.
	Germ cell mutagenicity	No available data.
	Carcinogenicity	No available data.
	Reproductive toxicity	No available data.
	STOT (single exposure)	Breathing in mists or aerosols may produce respiratory irritation.
	STOT (repeated exposure)	No available data.
	Aspiration toxicity	No available data.
alkyl benzyl dimethyl ammonium_chloride	Acute toxicity	Oral LD50 (rat) 720 mg/kg
	Skin corrosion/irritation	Corrosive
	Eye damage/irritation	Corrosive
	Respiratory/skin sensitization	not considered to be sensitising to skin.
	Germ cell mutagenicity	Not genotoxic
	Carcinogenicity	No information available
	Reproductive toxicity	Not toxic to reproduction
	STOT (single exposure)	May cause drowsiness or dizziness
	STOT (repeated exposure)	No information available
	Aspiration toxicity	No information available
fragrance	Acute toxicity	Oral LD50 >5000 Dermal LD50 >5000
	Skin corrosion/irritation	Irritating
	Eye damage/irritation	Irritating
	Respiratory/skin sensitization	Sensitising
	Germ cell mutagenicity	Based on available data the classification criteria are not met.
	Carcinogenicity	Based on available data the classification criteria are not met.
	Reproductive toxicity	Based on available data the classification criteria are not met.
	STOT (single exposure)	Based on available data the classification criteria are not met.
	STOT (repeated exposure)	Based on available data the classification criteria are not met.
	Aspiration toxicity	Based on available data the classification criteria are not met.

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

	Endpoint	Duration (Hr.)	Species	Value
ethanol	LC50	96	Fish	42-mg/L
	EC50	48	Crustacea	2-mg/L
	EC50	96	Algae or other aquatic plants	-8.358-26.503mg/L
	EC10	168	Algae or other aquatic plants	1.91-mg/L
	NOEC	2016	Fish	0.000375-mg/L

di-C12-18-alkyldimethyl	LC50	96	Fish	0.26mg/L
ammonium chloride	EC50	72	Algae or other aquatic plants	0.13mg/L
	EC10	72	Algae or other aquatic plants	0.062mg/L
	NOEC	840	Fish	0.053mg/L

Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
ethanol, denatured	LOW (Half-life = 2.17 days)	LOW (Half-life = 5.08 days)

Bio accumulative potential

Ingredient	Bioaccumulation
ethanol, denatured	LOW (LogKOW = -0.31)

Mobility in soil

Ingredient	Mobility
ethanol, denatured	HIGH (KOC = 1)

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of product/packaging	Containers may still present a chemical hazard/ danger when empty. Dispose of product / containers in accordance with local government regulations

SECTION 14 TRANSPORT INFORMATION

Labels Required

	
Marine Pollutant	NO
HAZCHEM	3Y

Land transport :

UN Number	1170
UN proper shipping name	ETHANOL SOLUTION
Transport hazard class(es)	Class: 3 Sub risk: Not applicable
Packing group	III
Environmental Hazard	Not applicable
Special precautions for user	Special provisions: 144 / 223 Limited quantity: 5L
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

ETHANOL, DENATURED IS FOUND ON THE FOLLOWING REGULATORY LISTS

New Zealand Inventory of Chemicals (NZIoC)
Chemical Classification and Information Database (CCID)
Approved hazardous substances with controls

PROPRIETARY SURFACTANT IS FOUND ON THE FOLLOWING REGULATORY LISTS

New Zealand Inventory of Chemicals (NZIoC)
Chemical Classification and Information Database (CCID)

DI-C12-18-ALKYLDIMETHYLAMMONIUM CHLORIDE IS FOUND ON THE FOLLOWING REGULATORY LISTS

New Zealand Inventory of Chemicals (NZIoC)
Chemical Classification and Information Database (CCID)
Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 5
Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 6

FRAGRANCE – ALL COMPONENTS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals
Australian Inventory of Industrial Chemicals (AIIC)

SECTION 16 OTHER INFORMATION

Revision Schedule

Revision Date	13/08/2025
Initial Date	07/07/2025

SDS Version Summary

Version	Issue Date	Sections Updated
1.0.1	07/07/2025	All sections originated
1.1.1	13/08/2025	Section 2

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, AICIS and HCIS Australia

DISCLAIMER: While the information in this Safety Data Sheet (SDS) is believed to be true and accurate based on the current level of knowledge available to us, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the control of OMIKRON AUTO DETAILING PRODUCTS and therefore the users are responsible to verify this data under their own particular conditions of use, applications and regulations to determine whether the product is suitable for their particular purpose and they assume all risks of their use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures, or processes.

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

End of SDS

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

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
	Classification drawn from HCIS, ECHA C&L Inventory, HSNO CCID and Suppliers' SDSs.

Label elements

Hazard pictograms	
SIGNAL WORD	**DANGER**

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

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances

See section below for composition of Mixtures.

Mixtures

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

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	If this product comes in contact with the eyes: 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
Skin Contact	If skin or hair contact occurs: 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
Inhalation	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
Ingestion	If swallowed do **NOT** induce vomiting. Obtain immediate medical advice/attention. 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.

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.

Special hazards arising from the substrate or mixture.

Fire incompatibilities	Oxidising agents, strong acids.

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 specifi c target organ.
	STOT (repeated exposure)	Not expected to cause toxicity to a specifi c 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.

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

End of SDS