



SAFETY DATA SHEET

GRL

OMIKRON AUTO DETAILING PRODUCTS

Product code **GRL**

Version No: **1.0.1**

Issue date: **30/05/2025**

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

Product Identifier

Product name	GRL
Product code	GRL
Pack sizes	250ml/ 1L/ 5L/ 20L/ 200L/ 1000L
Proper shipping name	TURPENTINE SUBSTITUTE

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

Relevant identified uses	Degreaser / Dewaxer
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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	1800 108 800

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, STOT - SE (Narcosis) Category 3, Flammable Liquid Category 3, Skin Corrosion/Irritation Category 2, Eye Irritation Category 2A, Long-term Hazard to the Aquatic Environment - Category 2
	Classification drawn from HCIS, CCID and ECHA C&L Inventory.

Label elements

Hazard pictograms	
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SIGNAL WORD	DANGER
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Hazard statement(s)

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H315	Causes skin irritation
H319	Causes serious eye irritation.
AUH066	Repeated exposure may cause skin dryness and cracking.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statement(s) Prevention

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No s m o k i n g .
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.
P280	Wear protective gloves/eye protection.
P271	Use only outdoors or in a well-ventilated area.
P261	Avoid breathing vapours or spray.
P264	Wash exposed skin thoroughly after handling.
P273	Avoid release to the environment.

Precautionary statement(s) Response

P301+P310+P331	IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting.
P304+P312+P340	IF INHALED: Remove person to fresh air and keep in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.
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.
P305+P351+P338+P337+P313	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention
P370+P378	In case of fire: Use alcohol resistant foam or normal protein foam for extinction.

Precautionary statement(s) Storage

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

Precautionary statement(s) Disposal

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

See section below for composition of Mixtures

Mixtures

CAS No	%[weight]	Name
64742-82-1	>60	white spirits
9016-45-9	<10	nonylphenol ethoxylated

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

Eye Contact	<p>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. If pain persists or recurs seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</p>
Skin Contact	<p>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 irritation.</p>
Inhalation	<p>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.</p>
Ingestion	<p>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. Avoid giving milk or oils. Avoid giving alcohol. If spontaneous vomiting appears imminent or occurs, hold patient's head down, lower than their hips to help avoid possible aspiration of vomitus.</p>

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.
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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
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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.

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)

No specific exposure limits are available for this product.

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	Red liquid		
Physical state	Liquid	Relative density (Water = 1)	0.783
Odour	Paraffinic	Partition coefficient n-octanol / water	3.7 – 6.7 (log POW)
Odour threshold	Not Available	Auto-ignition temperature (°C)	296
pH (as supplied)	Not Applicable	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)	140
Flash point (°C)	38	Taste	Not Available
Evaporation rate	0.16	Explosive properties	Not Available
Flammability	Highly flammable	Oxidising properties	Not Available
Upper Explosive Limit (%)	6.5	Surface Tension (mN/m)	26.4
Lower Explosive Limit(%)	0.7	Volatile Component (%vol)	100
Vapour pressure (Pa)	370	Gas group	Not Available
Solubility in water (g/L)	Emulsifiable	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	Fire/decomposition may produce irritating and/or toxic fumes, including oxides of Carbon and Nitrogen, smoke and other toxic fumes.

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

white spirits	Acute toxicity	LD50 (oral) >2000mg/kg LD50 (dermal) >2000mg/kg (Supplier's SDS)
	Skin corrosion/irritation	Causes skin irritation (reversible effects to skin).
	Eye damage/irritation	May be an eye irritant (this material has been classified as not corrosive or irritating to eyes).
	Respiratory/skin sensitization	This material has been classified as not a respiratory sensitiser. This material has been classified as not a skin sensitiser.
	Germ cell mutagenicity	This material has been classified as non-hazardous. (supplier's SDS)
	Carcinogenicity	This material has been classified as non-hazardous. (supplier's SDS)
	Reproductive toxicity	This material has been classified as non-hazardous. (supplier's SDS)
	STOT (single exposure)	May cause drowsiness or dizziness. Exposure via inhalation may result in depression of the central nervous system. Material may be an irritant to mucous membranes and respiratory tract. Inhalation of vapour can result in headaches, dizziness and possible nausea. Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and if exposure is prolonged, unconsciousness
	STOT (repeated exposure)	This material has been classified as non-hazardous.
	Aspiration toxicity	May be fatal if swallowed and enters airways. Small amounts of liquid aspirated into the respiratory system during ingestion or vomiting may cause broncho-pneumonia or pulmonary oedema.
nonylphenol ethoxylated	Acute toxicity	Oral LD50 (mouse) 4290 mg/kg
	Skin corrosion/irritation	moderate to severe irritation.
	Eye damage/irritation	moderate to severe irritation
	Respiratory/skin sensitization	Not sensitizing
	Germ cell mutagenicity	Not genotoxic
	Carcinogenicity	No Data Available
	Reproductive toxicity	No Data Available
	STOT (single exposure)	No Data Available
	STOT (repeated exposure)	No Data Available
	Aspiration toxicity	No Data Available

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity

Acute aquatic hazard:

- Acute toxicity estimate (ATE): >100 mg/L [based on ingredients].

Long-term aquatic hazard:

- Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data,

Acute toxicity estimate (based on ingredients): 1 - 10 mg/L, where the substance is not rapidly degradable and/or BCF >= 500 and/or log Kow >= 4.

Persistence and degradability

No information available

Bio accumulative potential

No information available

Mobility in soil

No information available

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
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SECTION 14 TRANSPORT INFORMATION

Labels Required

	
Marine Pollutant	NO
HAZCHEM	Not Applicable

Land transport (ADG):

UN Number	1300	
UN proper shipping name	TURPENTINE SUBSTITUTE	
Transport hazard class(es)	Class	3
	Sub risk	Not applicable
Packing group	III	
Environmental Hazard	Not applicable	
Special precautions for user	Special provisions	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****WHITE SPIRITS IS FOUND ON THE FOLLOWING REGULATORY LISTS**

New Zealand Inventory of Chemicals (NZIoC)

Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 5

NONYLPHENOL, ETHOXYLATED 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

NEW ZEALAND HSNO ACT 1996

Substance approval - Cleaning Products Flammable Group Standard 2020 HSR002528

SECTION 16 OTHER INFORMATION**Revision Schedule**

Revision Date	30/05/2025
Initial Date	30/05/2025

SDS Version Summary

Version	Issue Date	Sections Updated
1.0	30/05/2025	All sections originated
1.0.1	30/05/2025	NZ Version

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

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Definitions and abbreviations

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

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End of SDS