SAFETY DATA SHEET

LIQUID TRUCK WASH CONCENTRATED

OMIKRON AUTO DETAILING PRODUCTS

Product code **LIQTRU**
Version No: **1.0.2**
Issue date: **08/09/2025**

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

Product Identifier

Product name	LIQUID TRUCK WASH CONCENTRATED
Product code	LIQTRU
Pack sizes	5L/ 20L/ 200L/ 1000L

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

Relevant identified uses	Truck and car washing detergent.

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

Poisons Schedule	Not Applicable
GHS Classification	Skin Corrosion/Irritation Category 2, Serious Eye Damage Category 1, Flammable Liquids Category 4.
	Classification drawn from HCIS and from ECHA C&L Inventory

Label elements

Hazard pictogram	
SIGNAL WORD	**DANGER**

Hazard statement(s)

H315	Causes skin irritation
H318	Causes serious eye damage
H227	Combustible liquid.

Precautionary statement(s) Prevention

P280	Wear protective gloves and eye protection.
P264	Wash contaminated skin thoroughly after handling
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Precautionary statement(s) Response

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 POISON CENTRE or doctor.
P302+P352+P362+P332+P313	IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs, get medical advice/attention.
P370+P378	In case of fire: Use alcohol resistant foam or normal protein foam for extinction.

Precautionary statement(s) Storage

P403	Store in well-ventilated place

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
25155-30-0	10 - <30	Sodium dodecylbenzene sulphonate
68603-42-9	<10	Coconut diethanolamide
111-76-2	<10	Ethylene glycol monobutyl ether
64-17-5	<10	Ethanol

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 for 10-15 minutes. 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. Transport to hospital or doctor without delay. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	If skin 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. Continue flushing with water until advised to stop by the Poisons Information Centre. If irritation persists seek medical advice/attention
Inhalation	If fumes or combustion products 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.
Ingestion	For advice, contact a Poisons Information Centre or a doctor at once. Urgent hospital treatment is likely to be needed. If swallowed do NOT induce vomiting. 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. Transport to hospital or doctor without delay.

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	None known

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	Product is slightly combustible Expansion or decomposition on heating may lead to violent rupture of containers. Decomposes on heating and may produce toxic fumes of carbon monoxide (CO), carbon dioxide (CO_2) and other pyrolysis products typical of burning organic material May emit corrosive fumes.
HAZCHEM	Not applicable

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Minor Spills	Clean up all spills immediately. 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. Wipe up. Place in a suitable, labelled container for waste disposal.
Major Spills	Control personal contact with the substance, by using protective equipment as required. Prevent spillage from entering drains or water ways. 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 the SDS.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Safe handling	Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. 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.
Other information	Store away from incompatible materials.

Conditions for safe storage, including any incompatibilities

Suitable container	Store only in original container
Storage incompatibility	None known

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
EH40/2005 Workplace Exposure Limits	ethylene glycol monobutyl ether	2-Butoxyethanol	96.9 mg/m3 / 20 ppm	242 mg/m3 / 50 ppm	Not Available	Sk

EMERGENCY LIMITS

Ingredient	Material name	TEEL-1	TEEL-2	TEEL-3
sodium dodecylbenzenesulfonate	sodium dodecylbenzenesulfonate	2.1 mg/m3	23 mg/m3	87 mg/m3
ethanol, denatured	Ethyl alcohol	Not Available	Not Available	Not Available
ethylene glycol monobutyl ether	2-Butoxyethanol	20 ppm	20 ppm	700 ppm

Ingredient	Original IDLH	Revised IDLH
sodium dodecylbenzenesulfonate	Not Available	Not Available
ethanol, denatured	15.000 ppm	3,3000[LEL] ppm
ethylene glycol monobutyl ether	700 ppm	700 [Unch] 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	Safety glasses with side shields OR Chemical goggles. Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. Lens should be removed at the first signs of eye redness or irritation. - Lens should be removed in a clean environment only after workers have washed hands thoroughly.
Skin protection	See Hand protection below
Hands/feet protection	Wear chemical protective gloves. Neoprene is recommended for this application
Body protection	See Other protection below
Other protection	Skin cleansing cream. Eye wash unit.
Thermal hazards	Not Available

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Clear coral liquid

Physical state	Liquid	**Relative density (Water = 1)**	0.99
Odour	Sweet fruity fragrance	**Partition coefficient n-octanol / water**	Not Available
Odour threshold	Not Available	**Auto-ignition temperature (°C)**	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)	100	**Molecular weight (g/mol)**	Not Available
Flash point (°C)	Not Applicable	**Taste**	Not Available
Evaporation rate	Not Available	**Explosive properties**	Not Available
Flammability	Not Applicable	**Oxidising properties**	Not Available
Upper Explosive Limit (%)	Not Applicable	**Surface Tension (dyn/cm or mN/m)**	Not Available
Lower Explosive Limit (%)	Not Applicable	**Volatile Component (%vol)**	Not Available
Vapour pressure (kPa)	Not Available	**Gas group**	Not Available
Solubility in water (g/L)	Miscible	**pH as a solution (1%)**	Not Available
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	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Inhaled	No adverse reactions expected
Ingestion	Accidental ingestion of the material may be damaging to the health of the individual.
Skin Contact	May cause irritation
Eye	If applied to the eyes, this material causes severe eye damage.
Chronic	No applicable data.

Toxicological effects of ingredients

sodium dodecylbenzene sulfonate	Acute toxicity	Oral LD50 (rat) 650 mg/kg Dermal LD50 (rat) >2000 mg/kg
	Skin corrosion/irritation	Corrosive
	Eye damage/irritation	Moderately irritating
	Respiratory/skin sensitization	Not sensitising
	Germ cell mutagenicity	Not mutagenic
	Carcinogenicity	Not carcinogenic
	Reproductive toxicity	Not toxic to reproduction
	STOT (single exposure)	No available data
	STOT (repeated exposure)	No available data
	Aspiration toxicity	No available data
coconut diethanolamide	Acute toxicity	Oral LD50 (rat) >5000 mg/kg Dermal LD50 (rabbit) >2000 mg/kg
	Skin corrosion/irritation	Causes skin irritation.
	Eye damage/irritation	Causes serious eye irritation.
	Respiratory/skin sensitization	Not expected to cause sensitization
	Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic
	Carcinogenicity	Suspected of causing cancer
	Reproductive toxicity	May damage fertility or the unborn child
	STOT (single exposure)	Not applicable.
	STOT (repeated exposure)	Not applicable.
	Aspiration toxicity	Not applicable.
ethylene glycol monobutyl ether	Acute toxicity	Oral LD50 (guinea pig) 1414 mg/kg Dermal LD50 (guinea pig) >2000 mg/kg Inhalation LC0 >3.1 mg/l>641 ppm 1h
	Skin corrosion/irritation	Causes skin irritation.
	Eye damage/irritation	Causes serious eye irritation.
	Respiratory/skin sensitization	Not classified No study available.
	Germ cell mutagenicity	Not classified
	Carcinogenicity	Not classified
	Reproductive toxicity	Not classified
	STOT (single exposure)	High concentrations may cause central nervous system depression
	STOT (repeated exposure)	Based on repeated exposure toxicity values, not classified
	Aspiration toxicity	Based on physico-chemical values or lack of human evidence. Not classified
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

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

	Endpoint	Duration(hr.)	Species	Value
sodium dodecylbenzene sulfonate	LC50	96	Fish	1.18mg/L
	EC50	48	Crustacea	-0.13-0.17mg/L
	EC50	96	Algae or other aquatic plants	0.9mg/L
	BCF	2	Fish	1.1-mg/L
	NOEC	48	Not Available	0.1mg/L
coconut diethanolamide	EC50	48	Crustacea	2.25mg/L
	EC50	96	Algae or other aquatic plants	2.2mg/L
	EC0	96	Algae or other aquatic plants	1mg/L
	NOEC	504	Crustacea	=0.07mg/L
ethylene glycol monobutyl ether	LC50	96	Fish	1-250mg/L
	EC50	48	Crustacea	>1-mg/L
	EC50	96	Algae or other aquatic plants	>1-mg/L
	NOEC	24	Crustacea	>1-mg/L
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

Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
ethylene glycol monobutyl ether	LOW (Half-life = 56 days)	LOW (Half-life = 1.37 days)
ethanol	LOW (Half-life = 2.17 days)	LOW (Half-life = 5.08 days)

Bio accumulative potential

Ingredient	Bioaccumulation
ethylene glycol monobutyl ether	LOW (BCF = 2.51)
ethanol	LOW (LogKOW = -0.31)

Mobility in soil

Ingredient	Mobility
ethylene glycol monobutyl ether	HIGH (KOC = 1)
ethanol	HIGH (KOC = 1)

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Product / packaging disposal	Recycle containers whenever possible. Product residues and containers should be disposed of in accordance with local government regulations

SECTION 14 TRANSPORT INFORMATION

Labels Required

Marine Pollutant	NO
HAZCHEM	Not applicable

SECTION 15 REGULATORY INFORMATION

Safety, health and environmental regulations / legislation specific for the substance or mixture

SODIUM DODECYLBENZENESULFONATE IS FOUND ON THE FOLLOWING REGULATORY LISTS

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

COCONUT DIETHANOLAMIDE IS FOUND ON THE FOLLOWING REGULATORY LISTS

New Zealand Inventory of Chemicals (NZIoC)
Chemical Classification and Information Database (CCID)
Chemical Footprint Project - Chemicals of High Concern List
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Group 2B: Possibly carcinogenic to humans

ETHYLENE GLYCOL MONOBUTYL ETHER IS FOUND ON THE FOLLOWING REGULATORY LISTS

New Zealand Inventory of Chemicals (NZIoC)
Chemical Classification and Information Database (CCID)
Approved hazardous substances with controls
Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 5
International Agency for Research on Cancer (IARC) – Agents classified by AIRC monographs

ETHANOL IS FOUND ON THE FOLLOWING REGULATORY LISTS

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

NEW ZEALAND HSNO ACT 1996

Substance approval - Cleaning Products (Combustible) Group Standard 2020 HSR002525

SECTION 16 OTHER INFORMATION

Revision Schedule

Revision Date	08/09/2025
Initial Date	02/09/2025

SDS Version Summary

Version	Issue Date	Sections Updated
1.0.1	02/09/2025	All sections originated
1.0.2	08/09/2025	Section 15

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

End of SDS