

# SAFETY DATA SHEET



## TANGERINE HAND CLEANER

### OMIKRON AUTO DETAILING PRODUCTS

Product code TAN  
Version No: 1.0.1  
Issue date: 28/08/2025

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

##### Product Identifier

Product name	TANGERINE HAND CLEANER
Previous name	Citragel
Product code	TAN
Pack sizes	250ml / 1L/ 4L/ 5L/ 20L/ 1000L.

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

Relevant identified uses	Hand cleaner
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##### Details of the supplier of the safety data sheet

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

##### 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	Serious Eye Damage Category 1. <i>Classification drawn from HCIS and from ECHA C&amp;L Inventory</i>

##### Label elements

Hazard pictogram	
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SIGNAL WORD	<b>DANGER</b>
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##### Hazard statement(s)

H318	Causes serious eye damage
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##### Precautionary statement(s) Prevention

P280	Wear eye protection./ face protection
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##### 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.
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##### Precautionary statement(s) Storage

Not applicable

##### Precautionary statement(s) Disposal

Not applicable

**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS****Substances**

See section below for composition of Mixtures

**Mixtures**

CAS No	%[weight]	Name
Trade secret	<10	<u>Proprietary non-ionic surfactant</u>

All the other components are nonhazardous in the proportions that they are present

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

<b>Eye Contact</b>	<p>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. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel. Seek medical advice/attention immediately</p>
<b>Skin Contact</b>	<p>Not likely to cause any irritation. If irritation occurs, seek medical advice/attention.</p>
<b>Inhalation</b>	<p>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.</p>
<b>Ingestion</b>	<p>For advice, contact a Poisons Information Centre or a doctor at once. 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.</p>

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**SECTION 5 FIREFIGHTING MEASURES****Extinguishing media**

<b>Extinguishing media</b>	<p>There is no restriction on the type of media that may be used. Use media suitable for the surrounding environment</p>
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**Special hazards arising from the substrate or mixture**

<b>Fire incompatibilities</b>	<p>None known</p>
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**Advice for firefighters**

<b>Fire fighting</b>	<p>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. <b>DO NOT</b> 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.</p>
<b>Fire/Explosion Hazard</b>	<p>Non-combustible. Not considered to be a significant fire risk. 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<sub>2</sub>) and other pyrolysis products typical of burning organic material May emit corrosive fumes.</p>
<b>HAZCHEM</b>	<p>Not applicable</p>

**SECTION 6 ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

<b>Minor Spills</b>	<p>Clean up all spills immediately. Avoid contact with 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.</p>
<b>Major Spills</b>	<p>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.</p>
<b>PPE</b>	<p>Personal Protective Equipment advice is contained in Section 8 of the SDS.</p>

**SECTION 7 HANDLING AND STORAGE****Precautions for safe handling**

<b>Safe handling</b>	Avoid contact with incompatible materials. Keep containers securely sealed when not in use. Avoid physical damage to containers.
<b>Other information</b>	Store away from incompatible materials.

**Conditions for safe storage, including any incompatibilities**

<b>Suitable container</b>	Store only in original container
<b>Storage incompatibility</b>	None known

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION****Control parameters****OCCUPATIONAL EXPOSURE LIMITS (OEL)**

No occupational exposure limits have been established for any of the ingredients

**Exposure controls**

<b>Appropriate engineering controls</b>	Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate.
<b>Personal protection</b>	
<b>Eye and face protection</b>	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.
<b>Skin protection</b>	See Hand protection below
<b>Hands/feet protection</b>	Hand protection is not necessary except for persons with prior dermatological conditions.
<b>Body protection</b>	See Other protection below
<b>Other protection</b>	Eye wash unit.
<b>Thermal hazards</b>	Not Available

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

<b>Appearance</b>	Yellow Gel		
<b>Physical state</b>	Liquid	<b>Relative density (Water = 1)</b>	0.99
<b>Odour</b>	Lemon	<b>Partition coefficient n-octanol / water</b>	Not Available
<b>Odour threshold</b>	Not Available	<b>Auto-ignition temperature (°C)</b>	Not Available
<b>pH (as supplied)</b>	7 Not Available	<b>Decomposition temperature</b>	Not Available
<b>Melting point / freezing point (°C)</b>	Not Available	<b>Viscosity (cSt)</b>	Not Available
<b>Initial boiling point and boiling range (°C)</b>	Not Available	<b>Molecular weight (g/mol)</b>	Not Available
<b>Flash point (°C)</b>	Not Available	<b>Taste</b>	Not Available
<b>Evaporation rate</b>	Not Available	<b>Explosive properties</b>	Not Available
<b>Flammability</b>	Not flammable	<b>Oxidising properties</b>	Not Available
<b>Upper Explosive Limit (%)</b>	Not Applicable	<b>Surface Tension (dyn/cm or mN/m)</b>	Not Available
<b>Lower Explosive Limit (%)</b>	Not Applicable	<b>Volatile Component (%vol)</b>	Not Available
<b>Vapour pressure (kPa)</b>	Not Available	<b>Gas group</b>	Not Available
<b>Solubility in water (g/L)</b>	Miscible	<b>pH as a solution (1%)</b>	Not Available
<b>Vapour density (Air = 1)</b>	Not Available	<b>VOC g/L</b>	Not Available

**SECTION 10 STABILITY AND REACTIVITY**

<b>Reactivity</b>	See section 7
<b>Chemical stability</b>	Unstable in the presence of incompatible materials. Product is considered stable. Hazardous polymerisation will not occur.
<b>Possibility of hazardous reactions</b>	See section 7
<b>Conditions to avoid</b>	See section 7
<b>Incompatible materials</b>	See section 7
<b>Hazardous decomposition products</b>	See section 5

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

<b>Inhaled</b>	No adverse reactions expected
<b>Ingestion</b>	Accidental ingestion of the material may be damaging to the health of the individual.
<b>Skin Contact</b>	Not expected to be irritating
<b>Eye</b>	If applied to the eyes, this material causes severe eye damage.
<b>Chronic</b>	No applicable data.

**Toxicological effects of ingredients**

<b>proprietary nonionic surfactant</b>	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.

**SECTION 12 ECOLOGICAL INFORMATION****Toxicity**

	Endpoint	Duration (Hr.)	Species	Value
<b>Proprietary nonionic surfactant</b>	LC50	96	Fish (Goldfish)	3.29 mg/kg

Hazardous to the aquatic environment

**DO NOT** discharge into sewer or waterways.**Persistence and degradability**

No available data

**Bio accumulative potential**

No available data

**Mobility in soil**

No available data

**SECTION 13 DISPOSAL CONSIDERATIONS****Waste treatment methods**

<b>Product / packaging disposal</b>	Recycle containers whenever possible. Product residues and containers should be disposed of in accordance with local government regulations
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**SECTION 14 TRANSPORT INFORMATION****Labels Required**

<b>Marine Pollutant</b>	NO
<b>HAZCHEM</b>	Not applicable

## SECTION 15 REGULATORY INFORMATION

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

#### PROPRIETARY NONIONIC SURFACTANT IS FOUND ON THE FOLLOWING REGULATORY LISTS

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

#### NEW ZEALAND HSNO ACT 1996

Substance approval - Cleaning Products (Subsidiary Hazard) Group Standard | HSR002530 | October 2020

## SECTION 16 OTHER INFORMATION

### Revision Schedule

Revision Date	Not applicable
Initial Date	28/08/2025

### SDS Version Summary

Version	Issue Date	Sections Updated
1.0.1	28/08/2025	All sections originated

### 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**