SAFETY DATA SHEET

DEOFRESH – GREEN APPLE

OMIKRON AUTO DETAILING PRODUCTS

Product code **APP**
Version No: **1.1**
Issue date: **17/09/2025**
Safety Data Sheet according to WHS and ADG requirements

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

Product Identifier

Product name	DEOFRESH – GREEN APPLE
Product code	APP
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
Address	12 McPherson Rd, Smeaton Grange, NSW, 2567
Telephone	(02) 9824 5966
Website	www.omikron.com.au
Email	sales@omikron.com.au

Emergency telephone number

Association / Organisation	Poisons Information Centre
Emergency telephone numbers	13 1126
Other emergency telephone numbers	Not available

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

HAZARDOUS CHEMICAL. DANGEROUS GOODS. According to the Model WHS Regulations and the ADG Code.

Poisons Schedule	5
GHS Classification	Flammable Liquid Category 3, Eye Damage/ Irritation Category 2, Sensitisation – Skin Category 1.
	Classification drawn from HCIS and ECHA C&L Inventory.

Label elements

Hazard pictograms	
SIGNAL WORD	**WARNING**

Hazard statement(s)

H226	Flammable liquid and vapour.
H317	May cause allergic skin reaction
H319	Causes serious eye irritation

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 /vapours/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
Australia Exposure Standards	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	Clear colourless liquid

Physical state	Liquid	**Relative density (Water = 1)**	Not Available
Odour	Green Apple	**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.
quaternary ammonium compound	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 3162 Dermal LD50 >5000
	Skin corrosion/irritation	Based on available data the classification criteria are not met
	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

quaternary ammonium compound	LC50	96	Fish	0.26mg/L
	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 (ADG):

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

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

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

PROPRIETARY NONIONIC SURFACTANT IS FOUND ON THE FOLLOWING REGULATORY LISTS

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

QUATERNARY AMMONIUM COMPOUND IS FOUND ON THE FOLLOWING REGULATORY LISTS

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

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	17/09/2025
Initial Date	13/08/2025

SDS Version Summary

Version	Issue Date	Sections Updated
1.0	13/08/2025	All sections originated
1.1	17/09/2025	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

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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