Date of issue: 14 September 2022
Revised by: Simonne Moses - HSNO Consultant SDS No: 1

Safety Data Sheet
Waterless Wash / Detailer

Classified as: Hazardous according to the EPA Hazardous Substances (Hazard Classifications) Notice 2020.

Section 1: SUBSTANCE AND SUPPLIER DETAILS

Product Code / Name: PW201 - Waterless Wash / Detailer

Supplier: PureWax Pty Ltd
PO Box 94
Deer Park
Victoria 3023
Australia

Phone: 1300 891 779

Recommended Use: Cleaner

In Case of Emergency Contact:

CHEMCALL: 0800 CHEMCALL (243 622)

Section 2: HAZARDS IDENTIFICATION

This product is not classified as a Dangerous Good for Transport.

This product is classified as hazardous according to criteria in the EPA Hazardous Substances (Hazard Classifications) Notice 2020.

HSNO APPROVAL NUMBER: **HSR002530**

HSNO CLASSIFICATIONS: 6.5B Skin sensitiser

GHS Classification: Skin sensitisation – Category 1

Hazard Statements: H317 May cause an allergic skin reaction

GHS Pictograms:



WARNING

PREVENTION STATEMENTS:

P261 – Avoid breathing vapours/fumes/mist/spray.
P272 – Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves, protective clothing.

RESPONSE STATEMENTS:

P302 + P352 – IF ON SKIN: Wash with plenty of water.
P321 – No specific treatment required.
P333 + P313 – If skin irritation or rash occurs: Get medical advice/attention.
P362 + P364 – Take off contaminated clothing and wash it before reuse.

DISPOSAL

P501 - In accordance with the EPA Hazardous Substances (Disposal) Notice 2017. Dispose of via an approved waste disposal contractor. Refer to Section 13 of the SDS.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Mixture: Cleaner

Main Component	CAS Number	Concentration (%wt)
Isopropyl alcohol	67-63-0	2 – 2.5%
Polydimethylsiloxane (biodegradable)	63148-62-9	0.5 - 1%
Dimethylol-5,5-dimethylhydantoin	6440-58-0	< 1%

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: FIRST AID MEASURES

Workplace Facilities Required: Handwashing facilities should be provided.

If Inhaled: Remove to fresh air. Seek medical attention if symptoms persist.

In Contact with Eye: Hold eyes open, flush with water for at least 15 minutes. Seek medical attention if irritation develops and persists.

In Contact with Skin: Wash skin with plenty of water. Seek medical attention if skin irritation develops and persists.

If Swallowed: DO NOT INDUCE VOMITING. Rinse mouth. Give small quantities of water. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms develop and persist. If vomiting occurs, keep head below hips to prevent aspiration to lungs.

Advice to Doctor: Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Fire/Explosion Hazard: Product is not flammable or combustible. Fire-heated containers may become pressurised and burst.

Suitable Extinguishing Media: Use extinguisher suitable for surrounding environment and materials.

Precautions in Connection with Fire: Thermal decomposition may produce toxic fumes containing oxides of carbon.

Advice for firefighters: Wear full firefighting gear and self-contained breathing apparatus.

Section 6: ACCIDENTAL RELEASE MEASURES

An emergency response plan complying with Part 5 of the Health and Safety at Work (Hazardous Substances) Regulations 2017 is required when quantities exceed 1,000L.

Precautions: Clear area of all unprotected personnel. Keep unnecessary and unprotected personnel from entering area.

Suitable Protective Equipment: Emergency responders must use personal protective equipment, including gloves and safety glasses with side shields or safety goggles. Respiratory protection is not normally required.

Spill or Leak Procedures. Stop the leak if safe to do so. Absorb the spill with suitable absorbent material, e.g., sand, earth, vermiculite, and collect into a properly labelled waste container for disposal. Residual quantities may be washed away with water.

Waste Disposal Methods: Dispose of as per Section 13.

Emergency preparation: Ensure there is appropriate and adequate personal protective equipment, trained personnel and clean up materials for management of accidental release.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with skin and eyes. Do not eat, drink, or smoke, when using this product. Remove contaminated clothing and wash hands and face before entering eating areas.

Storage: Store in closed containers in a dry, well-ventilated area. Keep away from heat and direct sunlight. Do not store near food, drink, or animal feed. Do not store in unlabelled containers.

Site Storage Requirements: Site Signage is not required.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Exposure Standards NZ: No Workplace Exposure Standards have been established for this product but have been established for the following ingredient:

	Isopropyl alcohol: TWA 400 ppm, 983 mg/m^3, STEL 500 ppm, 1230 mg/m^3
Engineering Controls:	Not normally required during typical handling and use. General ventilation is adequate for typical use of product.
Personal Protective Equipment:	Avoid contact with skin and eyes. Observe good chemical hygiene practice.
Hand protection:	Wear protective gloves. Refer to Australian and New Zealand Standard AS/NZS 2161 for protective gloves.
Skin and body protection:	Wear protective clothing. Refer to Australian and New Zealand Standard AS/NZS 4501 for occupational protective clothing.
Eye protection:	Use safety glasses with side shields or safety goggles. Refer to AS/NZS 1336 for suitable eye and face protection.
Respiratory protection:	Not normally required under typical use conditions.
Other information:	Handle in accordance with safe industrial hygiene practices.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Description:	Liquid	**Colour:**	Green
Odour:	Apple	**Odour Threshold:**	Not available
pH:	7	**Solubility (water, 20°C):**	Soluble
Freezing point:	Not available	**Boiling Point:**	> 100°C
Flammability:	Non-flammable	**Flash Point:**	Not applicable
UEL/LEL:	Not applicable	**Vapour Pressure (25°C):**	< 1
Decomposition Temp:	Not available	**Autoignition Temp:**	Not applicable
Relative Density:	1.02 (20°C)	**Vapour Density:**	> 1
Partition Coefficient: n-octanol/water	Not available	**Viscosity:**	Not available
Particle characteristics:	Not applicable		

Section 10: STABILITY AND REACTIVITY

Stability:	Stable under normal storage conditions.
Reactivity:	No dangerous reactions are expected to occur under normal storage and use conditions.
Conditions to Avoid:	Heat, sunlight.
Incompatibility:	Strong oxidisers
Hazardous Decomposition:	Thermal decomposition may result in toxic gases being released including oxides of carbon.

Section 11: TOXICOLOGICAL INFORMATION

Acute Exposure

Acute Toxicity: LD50 oral > 2000 mg/kg.
LD50 dermal > 2000 mg/kg
LC_{50} inhalation (mist/spray) > 5.0 mg/L

Inhalation: Not expected to cause toxic effects or be a respiratory irritant.

Ingestion: Not expected to cause toxic effects.

Skin Contact: Not expected to be a skin irritant.

Eye Contact: Not expected to be an eye irritant.

Sensitiser: Skin sensitiser. May cause an allergic skin reaction. Not expected to be a respiratory sensitiser.

Chronic Exposure:

Mutagen/Carcinogen/Reproductive Toxicant No chronic toxicity effects expected.

Specific Target Organ Systemic Toxicity: No known toxic or harmful effects on human target organs or systems.

Toxicity data is based on hazardous ingredient information and information in the EPA Chemical Classification and Identification Database.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Product is not classified as ecotoxic.

Persistence/degradability: Not available.

Bioaccumulation: Not available.

Mobility: Product is soluble in water.

Ecotoxicity data is based on hazardous ingredient information.

Section 13: DISPOSAL CONSIDERATIONS

Disposal: Recycle and reuse wherever possible. Dispose of waste product via an approved waste disposal contractor.

Disposal of Packaging: Dispose of packaging via an approved waste disposal contractor.

Section 14: TRANSPORT INFORMATION

This product is not classified as a Dangerous Good for transport in accordance with NZS5433:2020, IMDG or IATA.

Ensure transportation methods prevent leakage from packages and collapsing loads.

Section 15: REGULATORY INFORMATION

Group Standard Allocation: Cleaning Products (Subsidiary Hazard) Group Standard 2020

HSNO Approval Code: HSR002530

Classifications: Skin sensitisation – Category 1

This substance triggers:

Compliance Certificate	N/A
Certified Handler	N/A
Emergency Response Plan	1,000L
Secondary Containment	1,000L
Signage	N/A

This substance is not required to be Tracked. All workplace personnel handling this substance are required to be trained on the safe handling and PPE requirements for the hazards associated with this substance.

Section 16: OTHER INFORMATION

The information provided in this Safety Data Sheet relates only to the specific material designated herein. This Safety Data Sheet summarises our best knowledge of the health and safety hazard information of the product and how to safely handle the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products.

This substance is approved for use as a cleaner. All reasonable care has been taken to ensure that the information and advice contained herein are from sources believed to be reliable and to represent the most up-to-date knowledge available at the date given in Section 16. No liability is assumed for any damages related to the use or misuse of this substance.

All chemical materials may present unknown hazards as people have varying degrees of sensitivity to chemicals. Therefore, this product should be used with caution. The information herein is given in good faith, but no warranty, express or implied is made.

SDS Issued: 14 September 2022

Reason for Revision: Update to New Zealand regulatory requirements.

References:

EPA NZ Chemical Classification and Information Database
European Chemical Agencies Database
EPA Guide: Assigning a Hazardous Substance to a Group Standard, 2014
Supplier SDS: 3D International, USA, Waterless Car Wash, February 2017

END OF SAFETY DATA SHEET