

PLEASANT STATE™	MATERIAL SAFETY DATA SHEET	
	Pleasant State Fruit & Veg Wash Bar	
	Date of Issue: December 2023	Version #2.0



SECTION 1 – STATEMENT OF CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SUPPLIER:	SYSYGY Pty Ltd.		
ADDRESS:	PO Box 1440, Noosaville Bc QLD 4566		
Trade Name:	Pleasant State Fruit & Veg Wash Bar		
TELEPHONE:	+61 431 045 877	Website:	www.pleasantstate.com
AH EMERGENCY TELEPHONE:	13 1126 in Australia	EMAIL:	hello@pleasantstate.com
Substance:	Cleanser concentrate	Product Use:	Cleaning bars
Creation Date:	December 2023	Revision Date:	December 2028

SECTION 2 – HAZARDS IDENTIFICATION

Classification	Product AS SOLD (neat)	Product at USE DILUTION (1:33)
ADG Code	Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.	Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
Poisons Schedule	Not scheduled	Not scheduled
GHS Classification	Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia. <ul style="list-style-type: none"> Serious Eye Damage/Irritation Category 1 Skin Irritation Category 2 Specific Target Organ Toxicity 3 Acute Aquatic Toxicity – Category 3 	Not classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Label elements

	Product AS SOLD (neat)	Product at USE DILUTION (1:33)
GHS label pictograms	 GHS 05  GHS07	None allocated.
Signal word	DANGER	None allocated.

Hazard statement(s)

	Product AS SOLD (neat)	Product at USE DILUTION (1:33)
H318	Causes serious eye damage.	None allocated.
H315	Causes skin irritation.	
H335	May cause respiratory irritation.	
H402	Harmful to aquatic life.	

Precautionary statement(s): Prevention

	Product AS SOLD (neat)	Product at USE DILUTION (1:33)
P280	Wear eye protection/ face protection.	None allocated.
P264	Wash hands and skin thoroughly after handling.	
P280	Wear protective gloves.	
P261	Avoid breathing dust/fume/ gas/mist/ vapours/spray.	
P271	Use only outdoors or in a well-ventilated area.	
P273	Avoid release to the environment.	

Precautionary statement(s): Response

	Product AS SOLD (neat)	Product at USE DILUTION (1:33)
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy	None allocated.

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	to do. Continue rinsing.		
P310	Immediately call a POISON CENTER/doctor/...		
P302+P352	IF ON SKIN: Wash with plenty of water/....		
P321	Specific treatment (see First Aid Measures on this label).		
P332+P313	If skin irritation occurs: Get medical advice/attention.		
P362 +P364	Take off contaminated clothing and wash it before reuse.		
P304 + P340	IF INHALED: remove person to fresh air and keep comfortable for breathing.		
P312	Call a POISON CENTER/doctor/...if you feel unwell.		
Precautionary statement(s): Storage			
	Product AS SOLD (neat)	Product at USE DILUTION (1:33)	
P403+P233	Store in a well-ventilated place. Keep container tightly closed.	None allocated.	
P405	Store locked up.		
Precautionary statement(s): Disposal			
	Product AS SOLD (neat)	Product at USE DILUTION (1:33)	
P501	Dispose of contents/ container in accordance with local regulations.	None allocated.	

SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Proportion:
Coco fatty acid isethionate, sodium salt	61789-32-0	10 - 30 % w/w
Alcohols, C10-16, Ethoxylated, Sulfosuccinates, Disodium Salts	26838-05-1	<10 % w/w
Amides, C8-18 and C18-unsatd., N-(hydroxyethyl)	69227-24-3	<10 % w/w
Sodium N-Lauroyl Sarcosinate	137-16-6	10 - 30 % w/w
Limonene (Sweet Orange Oil)	8008-57-9	<1 % w/w
Lemongrass oil	8007-02-1	<1 % w/w
Ginger Oil	8007-08-7	<1 % w/w
Ingredients determined to be non-hazardous at concentrations present.	Various	To 100 % w/w

NOTE: Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from Safe Work Australia: Hazardous Chemical Information System (HCIS), European Chemicals Agency (ECHA), or have been found NOT to meet the criteria of a hazardous substance as defined in the Safe Work Australia publication "Approved Criteria for Classifying Hazardous Substances", or have been found NOT to meet the criteria of a dangerous substance as defined in the GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS7). Listed ingredients may be below the cut-off concentrations for classification as hazardous, but are listed for information purposes and for additive effects.

SECTION 4 – FIRST AID MEASURES

Scheduled Poisons	Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. (Phone Australia 131126 or New Zealand 0800 764 766).
First Aid Facilities	Normal washroom facilities.
Skin contact	Wash skin with water. Seek medical advice (e.g. doctor) if irritation, burning or redness develops.
Eye contact	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.
Ingestion	Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth thoroughly with water immediately. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice (e.g. doctor).
Inhalation	Remove to fresh air. Seek medical advice (e.g. doctor) if any symptoms persist.

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Advice to Doctor	Treat symptomatically. All treatments should be based on observed signs and symptoms of distress of the patient. Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons.
Aggravated Medical Conditions	None known.

SECTION 5 – FIRE FIGHTING MEASURES

Fire and Explosion Hazards	Does not support combustion.
Extinguishing Media	Use extinguishing media appropriate to surrounding fire conditions. Use carbon dioxide (CO2) fire extinguisher, water fog or alcohol resistant foam or fine water spray.
Fire Fighting	Keep containers exposed to extreme heat cool with water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion or decomposition.
Flash Point	Nil

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency Procedures	No HAZCHEM code.
Occupational Release	Minor spills do not normally need any special clean-up measures. Rinse with water. In the event of a major spill, prevent spillage from entering drains or water-courses. For large spills, or tank rupture, stop leak if safe to do so. Wear appropriate protective equipment as in section 8 below to prevent skin and eye contamination. Spilt material may result in a slip hazard and should be absorbed into dry, inert material (e.g. sand, earth or vermiculite), which then can be put into appropriately labelled drums for disposal by an approved agent according to local conditions. Residual deposits will remain slippery. Wash area down with excess water. If contamination of sewers or waterways has occurred advise the local emergency services. In the event of a large spillage notify the local environment protection authority or emergency services.



SECTION 7 – HANDLING AND STORAGE

Handling	Avoid contact with incompatible materials. Keep containers closed. Avoid physical damage to containers.
Storage	For best product shelf life, store in a cool, dry, place. Store away from incompatible materials (Section 10).

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits	National Occupational Exposure Limits, as published by SAFework AUSTRALIA: Time-weighted Average (TWA): None established for specific product. None established for individual ingredients. Short Term Exposure Limit (STEL): None established for specific product. None established for individual ingredients.
Biological Limit Value	None established for product.
Engineering Controls	None required.
Personal Protective Equipment	Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. Final choice of appropriate protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. The following protective equipment should be available;

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Eye Protection 	Diluted product - not required to handle prepared solutions of the product as per label directions. The use of safety glasses with side shield protection, goggles or face shield is recommended to handle the concentrate in quantity, cleaning up spills, decanting, etc. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.
Skin Protection 	Diluted product - not required to handle prepared solutions of the product as per label directions. Overalls, work boots and gloves are recommended for handling the concentrated product in quantity, cleaning up spills, decanting, etc. (as per AS/NZS 2161, or as recommended by supplier).
Protective Material Types	Material suitable for detergent contact – Butyl rubber, Natural Latex, Neoprene, PVC, and Nitrile.
Respirator	Not required to handle prepared solutions of the product as per label directions.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid bar 15 grams	Colour	Straw/white
Odour	Fragrant	Specific Gravity	Not available
Boiling Point	Not available	Freezing Point/Melt point	Approximately 50 °C
Vapour Pressure	Not available	Vapour Density	Not available
Flash Point	Nil	Flammable Limits	Not available
Water Solubility	Miscible in all proportions	pH	5.25 – 6.25 at 10% solution
Volatile Organic Compounds (VOC)	<1 %	Coefficient of Water/Oil Distribution	Not available
Viscosity	Not available	Odour Threshold	Not available
Evaporation Rate	Not available	Per Cent Volatile	~1 % v/v

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability	Stable at normal temperatures and pressure.
Conditions to Avoid	Heat and direct sunlight.
Incompatible Materials	None known.
Hazardous Decomposition	Product can decompose on combustion (on burning) to form Carbon Monoxide, Carbon Dioxide, and other possibly toxic gases and vapours.
Hazardous Reactions	None known.

SECTION 11 – TOXICOLOGICAL INFORMATION

PRODUCT MIXTURE INFORMATION	
POTENTIAL HEALTH EFFECTS	
No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:	
Ingestion	
short term exposure	Very low oral toxicity. LD50 (ATE calculated)>2,000 mg/kg (body weight). Large amounts may cause nausea, vomiting.
long term exposure	No known hazards.
Skin contact	
short term exposure	Not irritating to skin when used as directed.
long term exposure	No known hazards.
Eye contact	

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short term exposure	Diluted solutions for in use product expected to be irritating to eyes. Eye contact with concentrate will cause stinging, blurring, tearing. Contact with concentrated product may cause serious eye damage.
long term exposure	No known hazards.
Inhalation	
short term exposure	Inhalation of generated dust from concentrate may cause respiratory irritation. Generally, there is no dust associated with the product.
long term exposure	No known hazards.
Carcinogen Status	
SWA	No significant ingredient is classified as carcinogenic by SWA.
NTP	No significant ingredient is classified as carcinogenic by NTP.
IARC	No significant ingredient is classified as carcinogenic by IARC.
Medical conditions aggravated by exposure	No known hazards.
Respiratory sensitisation	Not expected to be a respiratory sensitizer.
Skin Sensitisation	Not expected to be a skin sensitizer.
Germ cell mutagenicity	Not considered to be a mutagenic hazard.
Reproductive Toxicity	Not considered to be toxic to reproduction.
STOT-single exposure	Specific Target Organ Toxicity Category 3. May cause respiratory irritation (dust).
STOT-repeated exposure	Not expected to cause toxicity to a specific target organ.
Aspiration Hazard	Not expected to be an aspiration hazard.

SECTION 12 – ECOLOGICAL INFORMATION

Aquatic Toxicity		
PRODUCT (as sold)	PRODUCT (at use dilution 1:100 rinse)	
Acute Aquatic Toxicity (ATE Calculated) LC50: >10 mg/L. Acute Aquatic Toxicity Category 3 Harmful to aquatic life. LC50 >10 mg/L, but < 100mg/L.	Acute Aquatic Toxicity (ATE Calculated) LC50: >1,000 mg/L. Acute Aquatic Toxicity NOT HAZARDOUS Not harmful to aquatic life. LC50 > 100mg/L.	
Persistence and degradability	Persistence: Water/Soil	Persistence: Air
	Readily biodegradable	Not Available
Bio accumulative potential	Does not bio-accumulate significantly.	
Mobility in soil	Dissolves in water. If product enters soil, it will be highly mobile and may contaminate groundwater.	

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal	The small quantities contained in wash solutions (when used as directed) can generally be handled by conventional sewage systems, septics, and grey water systems. To dispose of large quantities of undiluted product, refer to State Land Waste Management Authority. Transfer product residues to a labelled, sealed container for disposal or recovery. Waste disposal must be by an accredited contractor. As with any chemical, do not put down the drain in quantity.
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SECTION 14 – TRANSPORT INFORMATION

UN Number	none allocated	ADG Classification	none allocated
Shipping Name	none allocated	ADG Subsidiary Risk	none allocated
Hazchem Code	none allocated	Packing Group	none allocated
Packaging Method	none allocated	Special Provisions	none allocated

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Segregation	none allocated
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SECTION 15 – REGULATORY INFORMATION

Labeling Details	
GHS Classification	Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.
SUSMP Classification	Not a scheduled poison.
AICIS	All ingredients listed.

SECTION 16 – OTHER INFORMATION

Acronyms	
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons.
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail.
CAS Number	Chemical Abstracts Service Registry Number.
UN Number	United Nations Number.
HAZCHEM	An emergency action code of numbers and letters which gives information to emergency services.
SWA	National Occupational Health and Safety Commission.
NTP	National Toxicology Program (USA).
IARC	International Agency for Research on Cancer.
AICS	Australian Inventory of Chemical Substances.
TWA	Time Weighted Average The TWA exposure value is the Time Weighted Average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week.
SWA	Safe Work Australia
STEL	Short Term Exposure Limit The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term “peak” is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.
Literature references	Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice (Safe Work Australia) GHS Hazardous Chemical Information List (Safe Work Australia) Guidance on the Classification of Hazardous Chemicals under the WHS Regulations. Global Harmonized System of Classification and Labelling of Chemicals (GHS). “Australian Exposure Standards” List of Designated Hazardous Substances [NOHSC:10005(1999)] Australian Code For The Transport Of Dangerous Goods By Road And Rail. Standard for the Uniform Scheduling of Medicines and Poisons. Material Safety Data Sheets – individual raw materials – Suppliers. Approved Criteria for Classifying Hazardous Substances. HCIS – Hazardous Chemical Information System – National SAFEWORK Data Base. LABELLING OF WORKPLACE HAZARDOUS CHEMICALS, Code of Practice. Implementation of the globally harmonised system of classification and labelling of chemicals. ECHA – European Chemicals Agency
Issue Date	16 th December 2023
Version Number	#2.0
Revision Information	GHS7 classification
Note	Safety Data Sheets are updated frequently. Please ensure that you have a current copy.
<p>This MSDS summarizes at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier.</p>	
End of MSDS	