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MATERIAL SAFETY DATA SHEET

This Material Safety Data Sheet was created in accordance with the criteria specified by Australia's National Occupational Health and Safety Commission's National Code of Practice for the Preparation of Material Safety Data Sheets [NOHSC: 2011 (1994)].

Date of Issue: Issue #4, revised Aug. 2001

Statement of Hazardous Nature: *Not classified as hazardous according to criteria of NOHSC Australia.*

1. IDENTIFICATION

Product Name:	Wash	UN Number:	None Allocated
Other Names:	None	Hazchem Code:	None Allocated
Product Code:	ERT 50-52	Poisons Schedule #:	None Allocated
Dangerous Goods Class:	None Allocated	NATO Stock #:	None Allocated

Use: A natural, all-purpose liquid cleaner designed for cleaning surfaces of greases, fats and oils. The product also has the ability to bioremediate the wastewater it generates, as it can be activated with a wide range of naturally occurring bacteria (provided in an attached satchel). Contains no pesticide residues.

Physical Description/Properties:

Appearance: green, soapy liquid with mild fragrance	Solubility in Water (g/L):	soluble
Boiling Point at 760 mm Hg (°C): Not Available	Vapour Density (Air=1):	<1.0
Melting Point at 760 mm Hg (°C): Not Available	Specific Gravity (H ₂ O=1):	1.06 g/mL
Vapour Pressure @ 25 °C (mm Hg): 23	Evaporation Rate (Butyl Acetate=1):	<1
LEL (%): Not Relevant	UEL (%):	Not Relevant

Other Properties:

Corrosiveness:	No Hazard	Flash Point (°C):	Not Relevant
Oxidising Properties:	No Hazard	Percent Volatiles (%):	0
Reactivity:	No Hazard	pH (25%):	~9
Odour Threshold:	Not Available	pH (100%):	~10

Ingredients:

Chemical Entity _____ **CAS No:** _____ **Proportion (%):** _____

The ingredients listed are NOT considered hazardous in the quantities present and are considered proprietary information.

Microbial Identification (in separate satchel) _____ **Quantity (CFU/g):** _____

The bacteria that can be added to the solution, to remediate the wastewater, are NOT considered harmful in any way to humans, or the environment. Identification and viable counts are considered proprietary information.

2. HEALTH HAZARD INFORMATION

Health Effects:**Acute:**

- Swallowed: In concentrated form, liquid could cause mild irritation of the mouth, throat and digestive tract. May cause nausea. LD50 (oral, rat) is unknown. Added bacteria are typically those that are found on agricultural products and are not considered harmful to humans or the environment.
- Eye: Direct contact with concentrate may cause irritation, resulting in redness.
- Skin: Absorption through skin is not an exposure route. Incidental exposures should not result in any adverse health effects. Unlikely to be a skin irritant.
- Inhaled: Inhalation of vapours through normal use is unlikely, as the vapour pressure is very low.

Chronic: Repeated or prolonged skin contact with concentrate may cause irritation and/or redness.

First Aid:

- Swallowed: Thoroughly rinse mouth with water. Drink a glass of water. Do not induce vomiting. If discomfort arises, seek medical attention.
- Eye: Hold eyes open, flooding with water for at least 15 minutes. Seek medical attention if irritation persists.
- Skin: If irritation or redness results from prolonged skin contact, seek medical attention.
- Inhaled: If encountering respiratory difficulties, seek medical attention.

First Aid Facilities: Sterile eyewash solution.

Advice to Doctor: Treat symptomatically.

3. PRECAUTIONS FOR USE

Exposure Standards:

No exposure standards have been allocated by Australia NOHSC, OSHA or ACGIH.

Engineering Controls:

No special ventilation is required under normal use. Use appropriate containers when diluting to avoid splashing.

Personal Protective Equipment:

- Eye: As with any detergent or soap, avoid eye contact. Eye protection should not be needed under normal conditions of use. Safety glasses (with side shields) or goggles are recommended when handling concentrate.
- Skin: Gloves not needed under normal conditions. Rubber gloves are recommended if handling large quantities of concentrate for prolonged periods.
- Respiratory: Not required under normal conditions of use
- Other: Other protective clothing not required under normal conditions.

Flammability: Not flammable. Water-based.

Reactivity: Not reactive under conditions of normal use. Will not polymerise.

4. SAFE HANDLING INFORMATION

- Storage:** Observe storage instructions on container. Keep container in a dry, cool area, avoiding direct sunlight.
- Transport:** Not classified as a Dangerous Good. No special transport requirements necessary. If decanting material, ensure containers are adequately labelled.
- Spills:**
- General:** Wear appropriate protective equipment (See "Precaution for Use" section) to prevent exposure.
- Small Spills:** In most jurisdictions, you should be able to wash small spills to sewer with plenty of water. Follow disposal instruction as detailed below.
- Large Spills:** If concentrate, soak up with organic sorbent (i.e.: not Kitty Litter) and discard in accordance with local statutory requirements. If in diluted form, wash to sewer with plenty of water. Follow disposal instruction as detailed below.
- Disposal:** This product is a natural cleaner. If activated with bacteria, the resulting wastewater can be discarded down the drain to sewer, in most applications. For wastewater which contains high levels hydrocarbon (fuels, oils and greases), remediation will work best if an interceptor system is used. However, always consult your applicable State Waste Management or Water Authority to ensure proper disposal practices.

Fire/Explosion Hazard:

No fire or explosion hazards exist, as this material is a water-based cleaner. No hazardous decomposition products are known.

5. OTHER INFORMATION

This product is manufactured from assorted cleaning compounds and can be 'activated' by adding a mixture of waste-eating bacteria. The powder, which is added to the Wash solution, contains naturally occurring bacteria and fungi indigenous to agricultural environments, and are not genetically modified or cultured in any way. None of the bacteria in the product are considered harmful to humans or the environment. The product is fully biodegradable.

6. CONTACT POINT

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ADVICE NOTE:

This Material Safety Data Sheet (MSDS) summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this MSDS and consider the information in the context of how the product will be handled and used in the workplace.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.