



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE PRODUCT

Product Name/s:	Variant/s	Manufacturer's Product Codes	
		Finished Goods Code:	Formula Code:
Om/Persil Powder	Front Loader	All pack sizes	6044-09 From July 2010 = 61604409

Recommended Use:	Fabric Detergent Powder	
Supplier:	Unilever Australasia	
Address:	486 Jackson Street, Petone 5012 New Zealand 20 Cambridge Street, Epping NSW 2121 Australia	
Telephone:	+61 2 9869 6100 (AUS)	+64 4 5666949 (NZ)
Facsimile:	+61 2 9869 6150 (AUS)	+64 4 5683396 (NZ)
Consumer Relations Department:	Mon–Fri 9:00 am – 5:00 pm	
Telephone:	1 800 888 449 (AUS)	0 800 900 029 (NZ)
Website	www.unilever.com.au	www.unilever.co.nz
Poison Information Centre (24 hour)	131126 (AUS)	0 800 764 766 (NZ)

2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE FOR AUSTRALIA

HAZARDOUS SUBSTANCE – NON-DANGEROUS GOOD
According to the Criteria of NOHSC, and the ADG Code

Hazard Category:	Xi: Irritant
Risk Phrase(s):	R41 Risk of serious eye damage
Safety Phrase(s):	S2 Keep out of reach of children S22 Do not breathe dust S24 Avoid contact with skin S25 Avoid contact with eyes S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice



3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Proportion %
Sodium Carbonate	497-19-8	30-60%
Sodium Polyphosphate	7758-29-4	10-<30%
Anionic Surfactant	25155-30-0	<10%
C12-15 Pareth-7	68131-39-5	<10%
Sodium Silicate	-	<10%
Fluorescer	-	<1%
Enzymes	-	<1%
Fragrance Ingredients	-	<1%
Other ingredients determined not to be hazardous	-	To 100%

4. FIRST AID MEASURES

Ingestion:	Remove product from mouth. Drink 1 or 2 glasses of water (or milk). If large amount swallowed or symptoms develop obtain medical attention. DO NOT induce vomiting.
Eye contact:	Hold eyes open, flood with water for at least 15 minutes and obtain medical attention.
Skin contact:	Remove contaminated clothing and wash the skin thoroughly with water. If symptoms occur seek medical advice.
Inhalation:	Remove from source of exposure to fresh air. Obtain medical attention immediately.
Symptoms:	Symptoms may vary depending on the level of exposure
Notes to physician:	Symptomatic and general supportive treatment should be given.
Treatment:	Treat Symptomatically

5. FIREFIGHTING MEASURES

Suitable extinguishing media:	Extinguish with water, CO ₂ , foam or dry chemical. Fire fighters should wear self-contained breathing apparatus for risk of exposure to decomposition products.
Specific hazards:	Not flammable but may give off toxic fumes if involved in a fire.
Hazards from decomposition products:	Burning can produce CO ₂ , CO, water vapour, and sulfur oxide.



6. ACCIDENTAL RELEASE MEASURES

Small spills:	For spills during personal use, rinse with plenty of water. Normal good housekeeping practices required.
Large spills:	<p>For major spills of bulk product, protective clothing consisting of overalls, safety glasses and gloves should be worn. Shovel or vacuum up spill, avoiding the formation of dust, and collect in suitable containers for disposal. Wash or vacuum any remaining powder. Compressed air must not be used to clean up spills.</p> <p>It is essential to avoid crushing or grinding the powder, as this could break open the coating surrounding the encapsulated enzyme and generate enzyme dust.</p> <p>People with a history of respiratory problems must not be employed in the clean up of sizeable spills.</p>

7. HANDLING AND STORAGE

This product is covered by the Workcover Code of Practice for the Safe Handling and Storage of Enzymatic Detergent Powders and Liquids [4th April 1994] (Australia).

Precautions for Handling:	<p>For domestic use: Avoid skin and eye contact. Wash hands immediately after use.</p> <p>When handling bulk product wear safety glasses and protective gloves. Avoid prolonged contact with skin. Avoid excessive inhalation. Always wash hands before smoking, eating, drinking and using the toilet.</p>
Precautions for Storage:	An eyewash station should be installed next to where bulk product is made or stored.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National occupational exposure limits (Australia):	<p>No exposure standard allocated for finished product.</p> <p>The blanket recommendation for DUSTS: 10 mg/m³</p> <p>Subtilisins (Proteolytic enzymes as 100% pure crystalline enzyme) 0.00006 mg/m³ Peak Limitation</p>
Exposure Standards (New Zealand):	<p>Particulates not otherwise classified</p> <p>10 mg/m³ Inspirable dust TWA</p> <p>3 mg/m³ Respirable dust TWA</p> <p>Subtilisins (Proteolytic enzymes as 100% pure crystalline enzyme) 0.00006 mg/m³ Peak Limitation</p>
Engineering measures:	When handling bulk product, ensure adequate ventilation. Avoid breathing powder or dust.
Personal protection equipment:	When handling bulk product wear safety glasses and protective gloves. Avoid prolonged contact with skin. Avoid excessive inhalation. Wash hands before breaks and at end of shifts. Always wash hands before smoking, eating, drinking and using the toilet.



9. PHYSICAL AND CHEMICAL PROPERTIES

Form/Colour/Odour:	White powder with blue speckles, fragranced
Bulk Density:	0.5 kg/m ³ approx
Boiling Point (°C):	Not applicable
Rel Vapour Density (air=1):	Not applicable
Melting Range (°C):	Not applicable
Vapour Pressure (20°C):	Not applicable
Flash Point (°C):	Not available
Flammability Limits (%):	Not available
pH:	10.0 - 11.0 (1% solution)
Auto ignition Temp (°C):	Not applicable
% Volatile by volume:	Not applicable
Solubility in water (mg/l):	The powder is soluble in water

10. STABILITY AND REACTIVITY

Stability:	Product is stable when stored and used in accordance with manufacturers directions.
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11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS

Ingestion:	Unlikely to be harmful unless an excessive amount is swallowed
Eye contact:	Risk of serious eye damage
Skin contact:	May cause irritation.
Inhalation:	May cause irritation.
Long Term Effects:	No specific chronic effects expected.
Acute Toxicity/Chronic Toxicity:	Acute oral toxicity assessed to be greater than 3000mg/kg of body weight.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Not available
Persistence & degradability:	Surfactants are readily biodegradable as per AS4351
Mobility:	Not available



13. DISPOSAL CONSIDERATIONS

Refer to State Land Waste Management Authority. Empty cartons can be rinsed and disposed through council recycling service if this type of packaging is accepted.

14. TRANSPORT INFORMATION

UN Number:	None Allocated
Proper shipping name:	None Allocated
Class:	None Allocated
Subsidiary Risk 1:	None Allocated
Packing group:	None Allocated
Hazchem code:	None Allocated
EPG:	None Allocated
Segregation Dangerous Goods:	None Allocated
Marine Transport:	None Allocated
Air Transport:	None Allocated

15. REGULATORY INFORMATION

Australia

SUSDP Poisons Schedule Number:	None allocated.
Prohibition/Licensing Requirements:	There are no applicable prohibitions or notification, licensing requirements, including for carcinogens under Commonwealth, State or Territory legislation.
Industrial Chemicals (Notifications and Assessment) Act 1989:	All ingredients are listed on or exempt from the Australian inventory of Chemical Substances (AICS).

New Zealand

NZ Group Standard:	Cleaning Products (Subsidiary Hazard) Group Standard 2006
HSNO Approval No:	HSR002530
Approval Handler:	Is not required for the Cleaning Products (Subsidiary Hazard) Group Standard.
NZ Inventory of Chemicals (NZIoC):	All hazardous chemicals in this product are on the NZ Inventory of Chemicals.
NZ Hazard Classification	6.1E, 6.3A, 8.3A, 9.1B
NZ HSNO:	All hazardous ingredients are on the NZ Chemical Classification Information Database.



16. OTHER INFORMATION

Date of Revision: 17th May, 2010

Common Acronyms Used

CAS No.	Chemical Abstracts Service Registry Number
UN No.	United Nations Dangerous Goods Number
EPG	Emergency Procedure Guide

New Zealand Acronyms Used

HSNO	Hazardous Substances and New Organisms Act and Regulations
NZ	New Zealand

Australian Acronyms Used

NICNAS	National Industrial Chemicals Notification and Assessment Scheme
SUSDP	The Standard for the Uniform Scheduling of Drugs and Poisons

DISCLAIMER

This MSDS summarises to the best of our knowledge the health and safety hazard information on the product and how to safely handle and use the product in the workplace, and should not be construed as guaranteeing specific technical properties. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Since methods and conditions are beyond our control, in inappropriate contexts we do not accept liability for any damages resulting from the use of, or reliance on, this information.