# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE PRODUCT

<table>
<thead>
<tr>
<th>Product Name/s:</th>
<th>Manufacturer’s Product Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Omo/Persil High Performance Powder</td>
<td>Finished Goods Code: All pack sizes</td>
</tr>
</tbody>
</table>

**Recommended Use:** Fabric Washing Powder

**Supplier:** Unilever Australasia

**A.B.N:** 66 004 050 828

**Telephone:**
- +61 2 9871 9200 (Australia)
- +64 4 5666949 (NZ)

**Facsimile:**
- +61 2 9872 4966 (Australia)
- +64 4 5683396 (NZ)

**Emergency Telephone:**
- 1 800 227 200 (Australia)
- 0 800 108 806 (NZ)
- 0 800 PERSIL

**Consumer Relations Department**
Mon-Fri 9.00am-5.00pm

## 2. HAZARDS IDENTIFICATION

<table>
<thead>
<tr>
<th>Hazard Category:</th>
<th>Xi: Irritant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Risk Phrase(s):</td>
<td>R36/38 Irritating to eyes and skin.</td>
</tr>
<tr>
<td>Safety Phrase(s):</td>
<td>S2 Keep out of reach of children.</td>
</tr>
<tr>
<td></td>
<td>S22 Do not breathe dust.</td>
</tr>
<tr>
<td></td>
<td>S24 Avoid contact with skin.</td>
</tr>
<tr>
<td></td>
<td>S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</td>
</tr>
</tbody>
</table>

**Class:** None Allocated
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Carbonate</td>
<td>497-19-8</td>
<td>10-30%</td>
</tr>
<tr>
<td>Anionic surfactant</td>
<td>-</td>
<td>10-30%</td>
</tr>
<tr>
<td>Nonionic surfactants</td>
<td>-</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>Sodium silicate</td>
<td>1344-09-8</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>Fluorescer</td>
<td>-</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>Protease Enzymes</td>
<td>-</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>Other ingredients</td>
<td></td>
<td>To 100%</td>
</tr>
<tr>
<td>determined not to be</td>
<td></td>
<td></td>
</tr>
<tr>
<td>hazardous</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

Eye contact: Hold eyes open, flood with water for at least 15 minutes and see a doctor.

Skin contact: Wash accidental spillage from skin. Remove contaminated Clothing. Obtain medical attention if symptoms develop.

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, CO₂, 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 CO₂, 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: For major spills of bulk product, protective clothing consisting of overalls, safety glasses and impervious gloves should be worn. Spills should be contained and absorbed to prevent drain or
sewer contamination, and then collect for disposal. 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.

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.

People with a history of respiratory problems must not be employed in the clean up of sizeable spills.

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:  When handling bulk product wear safety glasses and protective gloves. Avoid prolonged contact with skin. Avoid excessive inhalation.

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:  No exposure standards allocated for finished product.

The blanket recommendation for DUSTS: 10 mg/m³

Engineering measures:  When handling bulk product, ensure adequate ventilation. Avoid breathing dust.

Personal protection equipment:  When handling bulk product wear safety glasses and protective gloves. Avoid prolonged contact with skin. Avoid excessive inhalation.

Manufacturing, packaging and transport:  Not defined as a Dangerous Good by the Australian Code for Transport of Dangerous Goods by Road or Rail.

Preparation and use of product:  Keep away from foodstuffs and drinks. Wash hands before breaks and at end of shifts.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form/Colour/Odour:  White powder with blue speckles

Solubility:  Not available

Specific Gravity (20°C):  0.5

Boiling Point (°C):  Not applicable

Rel Vapour Density (air=1):  Not applicable
Melting Range (C): Not applicable
Vapour Pressure (20C): Not applicable
Flash Point (C): Not applicable
Flammability Limits (%): Not available
pH: 10.0 - 11.0 (1% solution)
Autoignition Temp (C): Not applicable
% Volatile by volume: Not applicable
Solubility in water (mg/l): Not applicable

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Acute Effects
Ingestion: Unlikely to be harmful unless an excessive amount is swallowed
Eye contact: Irritating to eyes.
Skin contact: Irritating to skin.
Inhalation: May cause irritation.
Long Term Effects: No specific chronic effects expected.
Acute Toxicity/Chronic Toxicity: Acute oral toxicity assessed to be greater than 2000 mg/kg body weight.

12. ECOLOGICAL INFORMATION

Aquatic toxicity: Not available
Terrestrial toxicity: Not available
Environmental fate: 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

SUSDP Poisons Schedule Number (Australia): None allocated.
Prohibition/Licensing Requirements: There are no applicable prohibition or notification, licensing requirements, including for carcinogens under Australian 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).
Hazardous Substances and New Organisms Act (NZ): Not notified due to similarity with existing substances.

16. OTHER INFORMATION

Date of Last Revision: 12 August 2004

Contact Point
Title / Position: Quality Assurance Manager
Section: Quality Assurance, Unilever Australasia
Telephone: 02-9871 9316 (Australia) 04-5681375 (NZ)
Poison Information Centre: 131126 (Australia) 0800 764766
24 Hour Telephone (National Poison Centre, NZ)

DISCLAIMER
This information is based on our current knowledge and is intended to describe the product for the purpose of health, safety and environmental requirements only. Since Unilever Australasia 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.