

1 IDENTIFICATION

IDENTIFICATION

Product Name: Power of 4 LAUNDRY POWDER
Product Use: Laundry Machine Powder
Packaging Size: 2kg Plastic Bag

COMPANY DETAILS

Company: Power of 4
ABN Number: 41 639 688 216
Address: 155 Payneham Road
St. PETERS SA 5069
(08) 8133 4888
Email: enquiries@powerof4.com.au
Website: www.powerof4.com.au
Emergency Telephone Number: Poisons Information Line 13 11 26

2 HAZARD IDENTIFICATION

HAZARDOUS according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals

Classification of the substance or mixture:

Skin Corrosion/Irritation: Category 2
Eye Damage/Irritation: Category 1
Single Target Organ Toxicity (SE): Category 3

SIGNALWORD:

DANGER



Hazard Statements

Health hazards

H318: Causes serious eye damage.
H315: Causes skin irritation.
H335: May cause respiratory irritation.

Precautionary statements

General precautionary statements

P102: Keep out of reach of Children

Prevention precautionary statements

P261: Avoid breathing dust.
P271: Use only outdoors or in a well ventilated area.
P280: Wear protective gloves/eye protection/face protection.
P264: Wash hands thoroughly after handling.

Response precautionary statements

P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P332+P313: If skin irritation occurs: Get medical advice.
P362: Take off contaminated clothing and wash before re-use.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P310: Immediately call a POISON CENTRE or doctor/physician.
P304+P340: IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
P312: Call a POISON CENTRE or doctor if you feel unwell.

Storage precautionary statements

P403+P405+P233: Store locked up in a well ventilated place. Keep container tightly closed.

Disposal precautionary statements

P501: Dispose of contents/container in accordance with local regulations.

Poisons Schedule (SUSMP):

Not Scheduled

3 COMPOSITION

Ingredients

Chemical Entity	CAS Number	Proportion	Risk Phrases
Sodium silicate	[1344-09-8]	30 - 60%	H315, H319, H335
Sodium percarbonate	[15630-89-4]	1 - 10%	H302, H318
Sodium disilicate	[6834-92-0]	1 - 10%	H315, H318
Anionic surfactant	[27176-87-0]	1 - 10%	H315, H318
Ingredients determined not to be hazardous		Balance	

4 FIRST AID MEASURES

Ingestion	Do NOT induce vomiting. Wash out mouth with water. Seek medical attention.
Eye	If contact with eye(s) occurs, hold eyes lids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.
Skin	Wash affected area thoroughly with soap and water. If symptoms develop, seek medical attention.
Inhaled	If inhaled, remove victim from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention.
First Aid Facilities	Eye wash and normal wash room facilities
Advice to Doctor	Treat symptomatically. Consult Poisons Information Line 13 11 26

5 FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use appropriate fire extinguisher for surrounding environment
Precautions in connection with Fire	Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA)

6 ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Evacuate all unnecessary personnel. Wear sufficient respiratory protection and protective clothing to minimise skin and eye exposure. Remove all sources of heat. Increase ventilation. Sweep up material avoiding dust generation or dampen spilled material with water to avoid airborne dust, and then transfer material to a suitable container. Use absorbent paper dampened with water to pick up remaining material. Wash surfaces well, with soap and water. Seal all wastes in vapour tight labelled plastic containers for eventual disposal. If large quantities of this material enter waterways contact the Environmental Protection Authority, or your local Waste Management Authority

7 HANDLING AND STORAGE

Precautions for Safe Handling:

Avoid generating dust
 Use smallest possible amounts in designated areas with adequate ventilation
 Have emergency equipment (for fires, spills, leaks etc.) readily available
 Label containers
 Keep containers closed when not in use
 Wear appropriate protective equipment to minimise inhalation, skin and eye contact
 Ensure a high level of personal hygiene is maintained when using this product. That is; always wash hands before eating, drinking, smoking or using toilet.

Conditions for Safe Storage:

Store in a cool, dry, well ventilated area, out of direct sunlight and moisture.
 Store in labelled, corrosion-resistant containers.
 Keep containers tightly closed.
 Store away from incompatible materials.
 Have appropriate fire extinguishers available in and near the storage area.

8 EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Standards	None assigned by Safe Work Australia for this product.
Engineering Controls	Ensure ventilation is adequate to maintain air concentrations below exposure standards.

Personal Protection Equipment

EYES

Not required under normal use conditions. Where a risk of eye contact exists: wear safety glasses with side shields (AS1336/1337)

HANDS

Not required under normal use conditions. Wear rubber or PVC gloves (AS2161) if handling neat product or hand washing.

CLOTHING

No specific requirements.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Blue granular free flowing powder, with blue speckles.
Odour	Floral Fragrance.
Boiling Point	N/A
Melting Point	N/A
Vapour Pressure	N/A
Specific Gravity	0.60 to 0.65 (Bulk density)
Flash Point	N/A
Flammability Limits	N/A
Solubility in Water	Soluble at use proportions
pH (1% solution)	10.5 to 11.5

10 STABILITY AND REACTIVITY

Chemical Stability	Stable under ordinary conditions of use and storage
Conditions to Avoid	Do not mix with acids
Incompatibilities Materials	Strong oxidising agents and acids
Hazardous Decomposition Products	Thermal decomposition may produce noxious fumes
Hazardous Reactions	Hazardous polymerisation will not occur

11 TOXICOLOGICAL INFORMATION

Inhalation	Inhalation of dusts may irritate the respiratory system.
Ingestion	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Skin	Skin contact may cause mechanical irritation resulting in redness and itching.
Eye	Corrosive to eyes. On eye contact this product will cause tearing, stinging, blurred vision, and redness. Prolonged contact may cause permanent damage.

Chronic effects Not available

Toxicology Information No toxicity data available for this product

12 ECOLOGICAL INFORMATION

Ecotoxicity	No toxicity data available for this product
Persistence/Degradability	Not available
Mobility	Not available
Environmental Protection	Avoid contaminating waterways

13 DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority. Dispose of material through licensed waste contractor. Assure conformity with all applicable regulations.

14 TRANSPORT INFORMATION
Land Transport & Sea Transport

UN Number	None allocated
Shipping Name	Not Applicable
Dangerous Goods Class	None allocated
Subsidiary Risk	Not applicable
Pack Group	None allocated
Precaution for User	None known
Hazchem Code	None allocated
Marine Pollutant	No

15 REGULATORY INFORMATION

Poisons Schedule	Not Scheduled
EPG	Not applicable
AICS Name	All ingredients are on inventory

16 OTHER INFORMATION

Literature References No data available.

Sources for Data No data available.

Legend to Abbreviations and Acronyms

< less than

> greater than

AICS Australian Inventory of Chemical Substances

CAS Chemical Abstracts Service (Registry Number)

cm² square centimetres

CO₂ Carbon Dioxide

COD Chemical Oxygen Demand

deg C (°C) degrees Celsius

ERMA Environmental Risk Management Authority

G gram

g/cm³ grams per cubic centimetre
g/l grams per litre
HSNO Hazardous Substance and New Organism
IDLH Immediately Dangerous to Life and Health
Immiscible liquids are insoluble in each other
Kg kilogram
LD50 LD stands for Lethal Dose. LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals
Ltr Litre
m³ cubic metre
mbar millibar
mg milligram
mg/24H milligrams per 24 hours
mg/kg milligrams per kilogram
mg/m³ milligrams per cubic metre
Misc miscible
Miscible liquids form one homogeneous liquid phase regardless of the amount of either component present
mm millimetre
mPa.s milli Pascal per second

kg/m³ kilograms per cubic metre
LC50 LC stands for lethal concentration. LC50 is the concentration of a material in air which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours.
N/A Not Applicable
NOHSC National Occupational Health and Safety
OECD Organization for Economic Co-operation and Development
PEL Permissible Exposure Limit
ppb parts per billion
ppm parts per million
ppm/2h parts per million per 2 hours
ppm/6h parts per million per 6 hours
RCP Reciprocal Calculation Procedure
STEL Short Term Exposure Limit
TLV Threshold Limit Value
tne tonne
TWA Time Weighted Average
ug/24H micrograms per 24 hours
UN United Nations (number)
Wt weight

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Power of 4
155 Payneham Road
ST PETERS SA 5069

Telephone: (08) 8133 4888
e-Mail: enquiries@powerof4.com.au
www.powerof4.com.au



LAUNDRY POWDER

The bee's knees

AUSTRALIAN MADE - ECO FRIENDLY

CAUTION
KEEP OUT OF REACH OF CHILDREN

POWER OF 4 LAUNDRY POWDER is a super concentrated blend, suitable for use in all temperatures and water conditions. Enzymes are employed for the fast removal of blood, grass and other tough food stains in conjunction with a colour safe oxygen and solar activated bleach to assist with stain removal as well as ensuring whites come out whiter.

POWER OF 4 LAUNDRY POWDER is low foaming hence suitable for both front and top loader washing machines and assists with rinsing. It combines the latest technology ingredients to clean your clothes - first time - every time!

POWER OF 4 LAUNDRY POWDER is PHOSPHATE FREE, septic and grey water safe, readily biodegradable and therefore environmentally responsible.

DIRECTIONS FOR USE:

Always follow clothing manufacturer's instructions. Please do not hot wash or dry clean. Wash like colours together. Do not mix with chlorine bleach. DO NOT use on silk or wool. No recommended use of POWER OF 4 LAUNDRY POWDER for these types of fabrics.

FRONT LOADERS
For normal loads add 1/4 scoop (20g) into detergent compartment. For heavy soiled loads add 1/2 scoop (40g) into detergent compartment.

TOP LOADERS
Add 1/4 scoop (20g) into detergent compartment. For heavy soiled loads add 1/2 scoop (40g) into detergent compartment.

SOAK & HANDWASHING
Add 1/4 scoop (20g) per 1L of water fully dissolved before use.

FOR OPTIMAL RESULTS
For best results use POWER OF 4 LAUNDRY POWDER in conjunction with the following products: POWER OF 4 LAUNDRY BOOSTER and POWER OF 4 LAUNDRY SANITISER SUFFICIENT.

1. EQUIPMENT 2. DETERGENT 3. HOT & COLD 4. LOW SODS

CAUTION: KEEP OUT OF REACH OF CHILDREN. DO NOT SWALLOW. SAFETY: Avoid contact with eyes and skin. Wear protective gloves if handling with POWER OF 4 LAUNDRY POWDER. RINSE skin if splashed. Contact Poison Information Centre on 13 11 26 if swallowed. Do not reuse clothing. If open, hold tightly shut and flush continuously with running water. Continue flushing and swallow 10 drops of the Poison Information Centre operator or doctor or call or text for advice. If swallowed, do not eat or drink. Rinse mouth. Remove contaminated clothing and wash skin and hair with running water. Continue rinsing until water runs clear.

FOR HELP & ADVICE
(08) 8133 4888
powerof4.com.au

MADE IN AUSTRALIA

Scan QR code to see order

NO PHOSPHATES SUPER CONCENTRATE 66 WASHES 2 KG

powerof4.com.au

Front Label



LAUNDRY POWDER

The bee's knees



AUSTRALIAN MADE • ECO FRIENDLY

 NO
PHOSPHATES |  SUPER
CONCENTRATE | 66
WASHES | 2 KG

Back Label



POWER OF 4 LAUNDRY POWDER is a super concentrated blend, suitable for use in all temperatures and water conditions. Enzymes are employed for the fast removal of blood, grass and other tough food stains in conjunction with a colour safe oxygen and solar activated bleach to assist with stain removal as well as ensuring whites come out whiter.

POWER OF 4 LAUNDRY POWDER is low foaming hence suitable for both front and top loader washing machines and assists with rinsing. It combines the latest technology ingredients to clean your clothes – first time – every time!

POWER OF 4 LAUNDRY POWDER is PHOSPHATE FREE, septic and grey water safe, readily biodegradable and therefore environmentally responsible.

DIRECTIONS FOR USE: Always follow clothing manufacturer's instructions. Wear gloves for hand washing or for sensitive skin. Wash Non colour fast items separately. Test for colour fastness before soaking. DO NOT mix with chlorine bleach. DO NOT use on silks or woolsens. We recommend using POWER OF 4 DELICATES WOOLWASH for these types of fabrics. FRONT LOADERS For normal loads add 3/4 scoop (30g) into detergent compartment. For heavily soiled loads add 1 & 1/2 scoops (60g) into detergent compartment. TOP LOADERS Add 1 & 1/2 scoops (60g) into detergent compartment. For heavy soiled loads add 2 scoops (90g) into detergent compartment. SOAK & HANDWASHING Add 3/4 scoop (30g) per 5L of water fully dissolved before use. FOR OPTIMAL RESULTS We recommend the use of POWER OF 4 LAUNDRY POWDER in conjunction with the following products POWER OF 4 LAUNDRY BOOSTER and POWER OF 4 LAUNDRY SANTISER SOFTENER.	1 ECO FRIENDLY 2 BRIGHTNESS 3 HOT & COLD 4 LOW SUDS CAUTION: KEEP OUT OF REACH OF CHILDREN. DO NOT SWALLOW. SAFETY: Avoid contact with eyes and skin. Wear protective gloves if hand washing with POWER OF 4 LAUNDRY POWDER. FIRST AID: For advice, contact Poisons Information Centre (13 11 26) or a doctor. If swallowed, do NOT induce vomiting. If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre operator or a doctor, or for at least 15 minutes. If skin or hair contact occurs, remove contaminated clothing and wash skin and hair with running water. CONTAINS 398g/kg ALKALINE SALTS power of 4 FOR HELP & ADVICE (08) 8133 4888 powerof4.com.au MADE IN AUSTRALIA FROM LOCAL & IMPORTED INGREDIENTS Please recycle Scan me to re-order 0 794712 537540
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