

Safety Data Sheet - Orange Power 3x Laundry Powder

1. Identification of the material and supplier

All product names:

Orange Power 3x Laundry Powder 1kg
Orange Power 3x Laundry Powder 2kg

Supplier details:	Aware Environmental Products P/L 282 Hammond Road Dandenong South, VIC, 3175
Emergency telephone number:	+1 800 061 801
Material use(s):	Laundry powder
Date of issue:	May 2023

2. Hazards identification



Hazard class/category:

- Eye damage – Category 1
- Skin Corrosion/Irritation - Category 1

Hazard statements:

- H318 (Causes serious eye damage)
- H314 (Causes severe skin burns and eye damage)

Signal words: DANGER

Precautionary statements:

- **General:**

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.

- **Prevention:**

P260	Do not breathe dust or mists
P264	Wash hands thoroughly after handling
P280	Wear protective gloves/protective clothing/ eye protection/face protection

- **Response:**

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/doctor/physician
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P361+P354	IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes.
P363	Wash contaminated clothing before reuse.

P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P316	Get emergency medical help immediately

• **Storage:**

P405	Store locked up
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• **Disposal:**

P501	Dispose of contents/container in accordance with local regulations.
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3. Composition/information on ingredients

Ingredient Identity	CAS No.	%
Sodium Carbonate	497-19-8	>60
Silicic acid, (H ₂ Si ₂ O ₅), disodium salt	13870-28-5	>10 - <=25
Sodium Lauryl Sulphate	151-21-3 / 68585-47-7 (generic) / 68955-19-1 (generic) / 73296-89-6 / 85586-07-8	<= 10
Ingredients, determined not to be hazardous according to GHS criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.		

4. First-aid measures

Eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

Immediately call a POISON CENTER or doctor/physician

Skin contact: IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes. Wash contaminated clothing before reuse. If skin contact occurs, resulting in irritation, immediately flush skin with plenty of water and stop use. Get medical attention if irritation continues.

Inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get emergency medical help immediately.

Ingestion: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Rinse mouth; then drink one or two large glasses of water. Contact a doctor or a Poisons Information Centre (Phone: 13 11 26).

Notes to physician: No specific treatment. Treat symptomatically.

5. Fire-fighting measures

Extinguishing media: Use any extinguishing agent suitable for the situation/location of the fire.

Special hazards: No specific hazard.

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Hazardous decomposition products: This mixture is not combustible under normal conditions. However, it will break down under fire conditions and the hydrocarbon component will burn. In a large fire, heating may produce toxic fumes. Wear self contained breathing apparatus and complete protective personal equipment.

6. Accidental release measures

Personal precautions: If product is spilled, clean up immediately. Personnel should wear appropriate protective clothing during clean up. See section 8 for more details.

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil and waterways. Inform the relevant authorities if the product has caused environmental pollution (waterways or soil). See section 12 for more details.

Methods for containment and cleaning:

- **For minor spills:** Clean immediately whilst wearing appropriate protective equipment.
- **For major spills:** Clear area of personnel, contain and clean the same as a minor spill, also wearing breathing apparatus and protective gloves.

7. Handling and storage

Handling: Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

8. Exposure controls/personal protection

Occupational exposure limits:

Source	Ingredient	Material	TWA	STEL	Peak	Notes
Australia Exposure Standards	Sodium Carbonate	Sodium Carbonate	7.5mg/m ³ (5 ppm)	15mg/m ³ (10ppm)	Not Available	Not Available
Australia Exposure Standards	Silicic acid, (H ₂ Si ₂ O ₅), disodium salt	Silicic acid, (H ₂ Si ₂ O ₅), disodium salt	Not Available	Not Available	Not Available	Not Available
Australia Exposure Standards	Sodium Lauryl Sulphate	Sodium Lauryl Sulphate	Not Available	Not Available	Not Available	Not Available

Engineering measures: Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection. The basic types of engineering controls are: Process controls which involve changing the way a job activity or process is done to reduce the risk. Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment.

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Appropriate techniques should be used to remove potentially contaminated clothing.

Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection:

- **Eye and face:** Safety glasses with side shields or chemical goggles. Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task.
- **Skin and hands:**
 - Wear chemical protective gloves, e.g., PVC.
 - Wear safety footwear or safety gumboots, e.g., Rubber
 - The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer. Where the chemical is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
 - The exact break through time for substances has to be obtained from the manufacturer of the protective gloves and has to be observed when making a final choice.
 - Personal hygiene is a key element of effective hand care.

- **Respiratory:** Type A-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent).

9. Physical and chemical properties

- **Appearance:** Free flowing crystalline granules
- **Odour:** Light and pleasant
- **Odour threshold:** Not applicable
- **Colour:** Mixture of off-white and green granules
- **pH:** Of a 0.075% solution, 9.5 – 11.0 @ 25°C
- **Melting point/freezing point:** Not applicable
- **Initial boiling point and boiling range:** Not applicable
- **Flash point:** >61°C
- **Evaporation rate:** Not applicable
- **Flammability:** Not applicable
- **Upper/lower flammability or explosive limits:** Not applicable
- **Vapour pressure:** Not applicable
- **Vapour density:** Not applicable
- **Specific gravity:** 0.93 to 1.1g/mL
- **Solubility:** Soluble in water
- **Partition coefficient:** Not applicable
- **Auto-ignition temperature:** Not applicable
- **Decomposition temperature:** Not applicable
- **Viscosity:** Not applicable

10. Stability and reactivity

Stability: The product is stable under normal ambient conditions of 25°C and 101.3 kPa of pressure.

Conditions to avoid: None identified.

Materials to avoid: None identified.

Hazardous decomposition products may include the following material(s): None identified.

Hazardous Reactions: No hazardous reactions expected.

11. Toxicological information

Acute toxicity: No data available

Skin corrosion/irritation: No data available

Serious eye damage/irritation: No data available

Respiratory or skin sensitisation: No data available

Germ cell mutagenicity: No data available

Carcinogenicity: No data available

Reproductive toxicity: No data available

Specific Target Organ Toxicity (STOT) – single exposure: No data available

Specific Target Organ Toxicity (STOT) – repeated exposure: No data available

Aspiration hazard: No data available

12. Ecological information

Ecotoxicity data: There are no known ecotoxic effects.

Persistence/degradability: There is no known risk of persistence.

Bioaccumulative potential: There is no known risk of potential to bioaccumulate.

Mobility in soil: There is no known data about mobility in soil.

13. Disposal considerations

Methods of disposal: Do not reuse product containers. The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilled material and runoff and contact with soil and waterways. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

14. Transport information

Required labels: Not applicable

HAZCHEM code: Not applicable

Marine pollutant: Not applicable

UN number: Not applicable

UN proper shipping name: Not applicable

ADG environmental hazards: Not applicable

Special precautions for user: There are no special precautions to be undertaken by the user.

15. Regulatory information

There are no additional regulations on any substances within this product that are known.

16. Other information

Prepared by: Regulatory Affairs

Date of previous issue: Not applicable

Change Made: None available

Definitions and abbreviations:

- ADG Code - Australian Transport of Dangerous Goods
- Adopted National Exposure Standard for Atmospheric Contaminants in the Occupational Environment
- Approved Criteria for Classifying Hazardous Substances
- List of Designated Hazardous Substances
- National Code of Practice for the Labelling of Workplace Substances
- National Code of Practice for the Preparation of Material Safety Data Sheets
- National Model Regulations for the Control of Scheduled Carcinogenic Substances
- National Model Regulations for the Control of Workplace Hazardous Substances
- Standard for the Uniform Scheduling of Drugs and Poisons

Orange Power 3x Laundry Powder 1kg

Orange Power 3x Laundry Powder 2kg

Disclaimer: *The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.*

Next Review Date: MAY 2028