

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: Orange Power 3 x Enzyme Concentrate Laundry Powder
Other Names: Orange Power 3x Enzyme Concentrate Laundry Powder
Intended Use: Household Laundry , washing garments
 Aware Environmental Products Pty Ltd
 4 Healey Rd
 Dandenong VIC 3175
Organisation: 03 9706 6214
 P: 1800 061 801

2. HAZARDS IDENTIFICATION

HAZARDOUS SUBSTANCE – NON DANGEROUS GOODS ACCORDING TO THE CRITERIA OF NOHSC

Hazard Category : Xi Irritant
Risk phrases: R36,R37,R38. Irritating to eyes, skin and respiratory system.
Safety Phrases:
S2 Keep out of reach of children
S24/25 Avoid contact with skin and eyes
S26 In case of contact with eyes, rinse immediately with of water and seek medical advice

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Identity	CAS Number	Proportion %
Sodium Carbonate:	497-19-8	> 60
Sodium Lauryl Sulphate	151-21-3	< 10
Disodium Citrate	6132-05-4	< 10
Zeolite A	001318-02-1	< 10
Carboxymethyl Cellulose	009004-32-4	< 10
Alkyl Polyglucoside	68515-73-1	< 10
Bentonite	1302-78-9	< 10
Enzymes	Proprietary	< 1
Orange Oil	8028-48-6 or 8008-57-9	< 1
Fragrance mixture	Proprietary	< 1

4. FIRST AID MEASURES

- Eyes:** Immediately hold eye open and flush with water continuously for at least 15 minutes. If irritation persists seek medical attention.
- Skin:** Remove all contaminated clothing and launder before re-use. Wash affected area with plenty of water. If irritation occurs seek medical attention.
- Swallowed:** Do not induce vomiting, rinse mouth with water – immediately give plenty of water to drink, contact a doctor or Poisons information centre immediately (tel: 131126)
- Inhalation:** Remove from exposure, to fresh air. If breathing is difficult, give oxygen. Seek medical advice.
- Advice to Doctor:** Treat symptomatically.

5. FIRE FIGHTING MEASURES

- Hazchem code:** Not available
- Hazards from by-products** This product is not combustible under normal combustion conditions. However, under fire conditions it will breakdown and the hydrocarbon portion will burn. In a significant fire, heat may produce toxic fumes releasing sulphur dioxide, carbon monoxide and CO₂.
- Extinguishing Media:** Water, CO₂, Fog, Foam, Dry Chemical Powder, applied according to manufacturer's techniques.
- Special Fire Fighting Procedures:** Wear self contained breathing apparatus and complete protective personal equipment.
- Unusual Fire and/or Explosion Hazards:** If safe to do so remove containers from the path of fire. Closed containers may build up pressure at elevated temperatures, cool with water spray.

6. ACCIDENTAL RELEASE MEASURES

- Emergency Procedures:** Personnel should wear appropriate protective clothing, with breathing apparatus.

Spills:

Cordon off the spillage area. Isolate the source of the leak. Contain the spill using suitable non-flammable material such as san or diatomaceous earth, then place into suitable containers for disposal. Confer with local disposal regulations. Rinse area clean with water.

7. HANDLING AND STORAGE

Safe Handling:

Avoid generating dust. Avoid skin and eye contact.
 Store in plastic containers in a clean, dry, cool, well ventilated place away from food stuffs and away from direct light.

Storage Incompatibility:

Oxidising agent, aluminium, strong acids, fluorine, magnesium and calcium oxide.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

National Exposure Standards:

Not established for this product. However exposure standard for nuisance dust is 10mg/m³ (8 Hr TWA).

Biological limit values:

Not available.

Engineered Controls:

Natural ventilation adequate under normal conditions of use. Keep containers closed when not in use.

Personal protection:

Industrial Handling: Use in well ventilated areas. Wear dust mask if dust is generated, wear gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Appearance:

Free flowing crystalline off white and green granules.

Odour:

Light and pleasant

Vapour Pressure:

Not available

Vapour Density:

Not available

pH:	Of a 0.075% solution, 9.5 – 11.0 @ 25 degrees Celsius.
Solubility:	Soluble in water
Melting Point:	Decomposes
Boiling Point:	Not applicable
Specific Gravity:	Not tested
Flash Point:	Not available



10. STABILITY AND REACTIVITY

Chemical Stability:	Considered stable under normal conditions.
Incompatibility:	Avoid contact with strong acids and bases, oxidising agents, aluminium, fluorine, magnesium and calcium oxide.
Hazardous decomposition products:	Carbon monoxide, carbon dioxide, Sulfur dioxide.

11. TOXICOLOGICAL INFORMATION

Inhalation:	High concentrations or prolonged exposure may cause respiratory irritation.
Eye:	May cause irritation by direct contact.
Ingestion:	Mildly irritating.
Skin:	Repeated or prolonged skin exposure may cause irritation.
Chronic Effects:	No known chronic effect.
Reproductive Toxicity:	None of the components of this product is considered to be toxic to the unborn foetus under normal usage conditions.
Mutagenicity:	None of the components of this product is considered to be a mutagen.
Carcinogenicity:	None of the components in this product ,at levels indicated, is considered to be a carcinogen.

12. ECOLOGICAL INFORMATION

Ecotoxicity Data:	No data available
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Persistence and Degradability: At normal use levels and following standard effluent treatment, this product is expected to exhibit low toxicity towards aquatic animals. This product is not expected to bio-accumulate.

MOBILITY: No Data Available

Volatile Organic Compound (VOC) content No Data Available

13. DISPOSAL CONSIDERATIONS

Disposal: Dispose of large amounts as per pertinent disposal regulations – local, state or federal, ensuring to comply.

Special Precautions for Land Fill or Incineration: No Data Available.

14. TRANSPORT INFORMATION

UN Number: None Allocated

UN Proper Shipping Name: None Allocated

Class and subsidiary risk: None Allocated

Packing Group: 0

Hazchem Code: None Allocated

15. REGULATORY INFORMATION

Poisons Schedule: None Allocated

AICS To the Manufacturer's best knowledge, all components of this product are listed on Australian Inventory of Chemical Substances.

16. OTHER INFORMATION

Contact Person: Andrew Chaney (07) 3820 8888

For advice in an emergency please contact the Poisons Information centre on : 13 11 26

Revision date: APRIL 2019



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End of MSDS

This MSDS is a summary prepared to the best of our knowledge, on the health and safety hazards associated with the product and serves as a general guide on how to safely handle the product in the workplace. Each individual must assess and control the risks associated with the product prior to use in the workplace.