

## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION

**Product Name:** Orange Power 3x Enzyme Concentrate Laundry Liquid  
**Other Names:** Orange Power 3x Enzyme Concentrate Laundry Liquid  
**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,R38. Irritating to eyes and skin.  
**Safety Phrases:**  
**S2** Keep out of reach of children  
**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 %
Water (Aqua):	7732-18-5	30 - 60
Potassium oleate	143-18-0	10 - < 30
Non ionic Surfactants	-	10 - < 30
Anionic Surfactants	-	10 - < 30
Fragrance	-	< 10
Enzymes	Proprietary	< 10
Orange Oil	8028-48-6 or 8008-57-9	< 10
Sodium sesquicarbonate	533-96-0	< 10
Aminopolycarboxylate	164462-16-2	< 10
Alcohol	64-17-5	< 10
Triethanolamine	102-71-6	< 10
Methylchloroisothiazolinone	26172-55-4	< 10
Methyl isothiazolinone	2682-20-4	< 10

**4. FIRST AID MEASURES**

<b>Eyes:</b>	Immediately hold eye open and flush with water continuously for at least 15 minutes. If irritation persists seek medical attention.
<b>Skin:</b>	Remove all contaminated clothing and launder before re-use. Wash affected area with plenty of water. If irritation occurs seek medical attention.
<b>Swallowed:</b>	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)
<b>Inhalation:</b>	Not applicable.
<b>Advice to Doctor:</b>	Treat symptomatically.

**5. FIRE FIGHTING MEASURES**

<b>Hazchem code:</b>	Not available	<input type="checkbox"/>
<b>Hazards from by-products</b>	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 CO <sub>2</sub> .	
<b>Extinguishing Media:</b>	Water, CO <sub>2</sub> , Fog, Foam, Dry Chemical Powder, applied according to manufacturer's techniques.	<input type="checkbox"/>
<b>Special Fire Fighting Procedures:</b>	Wear self contained breathing apparatus and complete protective personal equipment.	
<b>Unusual Fire and/or Explosion Hazards:</b>	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.	<input type="checkbox"/>

**6. ACCIDENTAL RELEASE MEASURES**

<b>Emergency Procedures:</b>	Slippery when spilt. Clean up immediately. Wear personal protective attire.	<input type="checkbox"/>
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**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:**

Industrial Bulk: 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:**

Not available.

**8. EXPOSURE CONTROL / PERSONAL PROTECTION**

**National Exposure Standards:**

Not established for this product.

**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 of bulk: Wear eye protection and gloves.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Form / Appearance:**

Clear to straw coloured, slightly viscous liquid.

**Odour:**

Light and pleasant

**Vapour Pressure:**

Not available

**Vapour Density:**

Not available

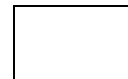
**pH:**

9.5 to 10.5 @ 25 degrees Celsius.

**Solubility:**

Soluble in water

<b>Melting Point:</b>	Not available
<b>Boiling Point:</b>	Approximately 100 degrees Celsius
<b>Specific Gravity:</b>	1.0 – 1.04 g/ml @ 20 degrees Celsius
<b>Flash Point:</b>	Not available
<b>Flammability Limits:</b>	Not flammable
<b>VOC content:</b>	< 1
<b>Decomposition Temp:</b>	Not available



## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

<b>Inhalation:</b>	Not normally a hazard due to non volatile product characteristics.
<b>Eye:</b>	May cause irritation by direct contact.
<b>Ingestion:</b>	Irritating if swallowed.
<b>Skin:</b>	Repeated or prolonged skin exposure may cause irritation.
<b>Chronic Effects:</b>	No information available.
<b>Reproductive Toxicity:</b>	None of the components of this product is considered to be toxic to the unborn foetus under normal usage conditions.
<b>Mutagenicity:</b>	None of the components of this product is considered to be a mutagen.
<b>Carcinogenicity:</b>	None of the components of this product is considered to be carcinogenic.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity Data:</b>	No data available.	
<b>Persistence and Degradability:</b>	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.	<input type="checkbox"/>
<b>MOBILITY:</b>	No Data Available	
<b>Volatile Organic Compound (VOC) content</b>	No Data Available	

### 13. DISPOSAL CONSIDERATIONS

<b>Disposal:</b>	Dispose of large amounts as per pertinent disposal regulations – local, state or federal, ensuring to comply.	
<b>Special Precautions for Land Fill or Incineration:</b>	No Data Available.	<input type="checkbox"/>

### 14. TRANSPORT INFORMATION

<b>UN Number:</b>	None Allocated
<b>UN Proper Shipping Name:</b>	None Allocated
<b>Class and subsidiary risk:</b>	None Allocated
<b>Packing Group:</b>	0
<b>Hazchem Code:</b>	None Allocated

### 15. REGULATORY INFORMATION

<b>Poisons Schedule:</b>	None Allocated	
<b>AICS</b>	To the Manufacturer's best knowledge, all components of this product are listed on Australian Inventory of Chemical Substances.	<input type="checkbox"/>

### 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

**End of MSDS**

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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.