

## 1 IDENTIFICATION

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Product Code: RNS  
 Product Name: Power of 4 RINSE AID  
 Product Use: Automatic Dishwashing Machine Rinse Aid  
 Packaging Size: 1 Lt Plastic Bottle.

### COMPANY DETAILS

Company: Power of 4  
 ABN Number: 41 639 688 216  
 Address: 155 Payneham Road  
 St. PETERS SA 5069  
 Telephone Number: (08) 8133 4888  
 Email: [enquiries@powerof4.com.au](mailto:enquiries@powerof4.com.au)  
 Website: [www.powerof4.com.au](http://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 2

### SIGNAL WORD:

**WARNING**



### Hazard Statements

#### Physical hazards

#### Health Hazards

H319 Causes serious eye irritation  
 H315 Causes skin irritation

#### Environmental Hazards

### Precautionary statements

#### General precautionary statements

P102 Keep out of reach of Children

#### Prevention precautionary statements

P264 Wash hands thoroughly after handling  
 H280 Wear protective gloves/eye protection/face protection.

#### Response precautionary statements

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  
 H302+H352 IF ON SKIN: wash with plenty of soap and water.  
 H332+H313 IF SKIN irritation occurs: Get medical advice/attention.  
 H361 Take off contaminated clothing and wash before reuse.  
 H337+H315 IF eye irritation persists: Get medical advice/attention.

### Poisons Schedule (SUSMP):

Not Scheduled

## 3 COMPOSITION

### Ingredients

Chemical Entity	CAS Number	Proportion	Risk Phrases
Non-ionic Surfactant	Various	10-30%	H318 H319
Diocetyltrimethylammonium Chloride	5538-94-3]	1 – 5%	H302 H312 H314 H332
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 and fire.

### Precautions in connection with Fire

This product is not combustible under normal conditions. The packaging is combustible, and it will break down under fire conditions. Combustion products include combustible materials, toxic fumes of carbon monoxide (CO), poisonous fumes, corrosive fumes and acrid smoke.

## 6 ACCIDENTAL RELEASE MEASURES

### Emergency Procedures

Clean up spills immediately, minimise skin and eye exposure. Spills will be slippery. Wash surfaces well, with soap and water. 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 contact with skin and eyes. 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. Wear appropriate protective equipment to minimise inhalation, skin and eye contact

Use smallest possible amounts in designated areas with adequate ventilation

### Conditions for Safe Storage:

Store in a cool, dry, well ventilated area, out of direct sunlight and moisture. Store in original containers. Store away from incompatible materials and Food.

## 8 EXPOSURE CONTROL / PERSONAL PROTECTION

**Exposure Standards** None assigned by Worksafe 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) especially for sensitive skin or if handling neat solution.

**CLOTHING** No specific requirements

## 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Clear blue foaming liquid.

**Odour** Neutral odour.

**Boiling Point** N/A

**Melting Point** N/A

**Vapour Pressure** N/A

**Specific Gravity** 1.02

**Flash Point** N/A

**Flammability Limits** N/A

**Solubility in Water** Soluble at use proportions

**pH (neat)** 3.0 to 4.0

## 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** Not generally a route of exposure as product not volatile.

**Ingestion** This product may irritate the gastric tract causing nausea and vomiting.

**Skin** Contact may cause mechanical irritation resulting in redness and itching

**Eye** Irritating to eyes. On eye contact this product will cause tearing, stinging, blurred vision, and redness.

**Chronic effects** No information available

**Toxicology Information** No toxicity data available for this product

## 12 ECOLOGICAL INFORMATION

**Eco toxicity** 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

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

## 15 REGULATORY INFORMATION

<b>Poisons Schedule</b>	Not Scheduled
<b>EPG</b>	Not applicable
<b>AICS Name</b>	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
<b>AICS</b>	Australian Inventory of Chemical Substances
<b>CAS</b>	Chemical Abstracts Service (Registry Number)
<b>cm<sup>2</sup></b>	square centimetres
<b>CO<sub>2</sub></b>	Carbon Dioxide
<b>COD</b>	Chemical Oxygen Demand
<b>deg C (°C)</b>	degrees Celsius
<b>ERMA</b>	Environmental Risk Management Authority
<b>G</b>	gram
<b>g/cm<sup>3</sup></b>	grams per cubic centimetre

**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

**m<sup>3</sup>** cubic metre

**mbar** millibar

**mg** milligram

**mg/24H** milligrams per 24 hours

**mg/kg** milligrams per kilogram

**mg/m<sup>3</sup>** 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

**N/A** Not Applicable

**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

**kg/m<sup>3</sup>** 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.

**NOHSC** National Occupational Health and Safety Commission

**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

Date Prepared:

Wednesday 3<sup>rd</sup> February 2021 Version: 1.4

Supersedes: Tuesday 16<sup>th</sup> June 2020

*Updated Telephone Number*

*Updated Logo*

Thursday 29<sup>th</sup> April 2021

Version: 1.5

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*Updated label*

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**RINSE AID**  
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**NO PHOSPHATES** | **330 WASHES** | **1 LITRE**

**1 ECO FRIENDLY** **2 FIGHTS LIMESCALE** **3 FAST DRYING** **4 SUPER SHINE**

**DIRECTIONS FOR USE:**  
Fill the rinse aid dispenser up. POWER OF 4 RINSE AID is automatically released during the final rinse cycle. Refill at least once per month. Washes are based on a 3ml dose per wash.

**FOR OPTIMAL RESULTS**  
We recommend the use of POWER OF 4 RINSE AID in conjunction with POWER OF 4 DISHWASHER POWDER.

**power of 4** **FOR HELP & ADVICE**  
(08) 8133 4888  
[powerof4.com.au](http://powerof4.com.au)

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