



## SAFETY DATA SHEET

<b>Product:</b>	HY-CLOR SPA SHOCK	<b>Date Prepared:</b> 10 OCTOBER 2017
<b>Company:</b>	Hy-Clor Australia Pty Ltd	<b>Replaces:</b> 20 AUGUST 2016


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### 1 Identifier & Identity for the Chemical

<b>Product Name:</b>	HY-CLOR SPA SHOCK
<b>Other Names:</b>	HYCSPASHK01-1KG
<b>Uses:</b>	Spa disinfectant and sanitiser
<b>Supplier Name:</b>	HY-CLOR AUSTRALIA PTY LTD
<b>Address:</b>	178 Power Street, Glendenning, NSW 2761 74 Westney Road, Mangere, Auckland NZ 2022
<b>Telephone:</b>	<b>Australia:</b> (02) 8805 2400. After Hours 0404 859 515 General Information Only <b>New Zealand:</b> (09) 973 2477

### 2 Hazards Identification

The hazard information contained in this SDS is for people handling the product and its ingredients in the manufacturing environment.

<b>Hazard Class and Category:</b> This product is not classified as Hazardous according to the criteria of Safe Work Australia and the Environmental Protection Authority New Zealand. Eye Irritation – Category 2A (HSNO class: 6.4A)
<b>Signal Word:</b> Warning

<b>Hazard Statements:</b> H320: Causes eye irritation
<b>Precautionary Statements:</b>
<b>Prevention</b> P102: Keep out of reach of children. P232: Protect from moisture. P260: Do not breathe dusts. P262: Do not get in eyes, on skin, or on clothing. P264: Wash hands thoroughly after using. P270: Do not eat, drink or smoke when using this product.



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### **Response**

P305+P351+P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so.

P352: Wash with plenty of soap and water.

P301+P330+P331: IF SWALLOWED, Rinse mouth, Do NOT induce vomiting.

### **Storage**

P402+P404: Store in a dry place. Store in a closed container.

### **Disposal**

P501: Dispose of contents to an approved waste disposal and container to landfill.

## **3 Composition / Information on Ingredients**

<b><u>Identity (Other Names)</u></b>	<b><u>CAS Number</u></b>	<b><u>Proportion (w/w)</u></b>
Sodium Monopersulphate	70693-62-8	30-60%
Sodium Carbonate	497-18-9-8	10-30%
Inert Ingredients		To balance

## **4 First Aid Measures**

<b>First Aid</b>		
-	<b>Swallowed:</b>	DO NOT INDUCE VOMITING. Wash out mouth with water and give plenty of water to drink. If symptoms develop seek medical attention.
-	<b>In Eye:</b>	If contact with the eye(s) occurs, wash with copious amounts of water for approximately 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. Seek immediate medical attention.
-	<b>On Skin:</b>	Gently brush away excess particles. Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.
-	<b>Inhaled:</b>	If inhaled, remove from contaminated area. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. If symptoms develop seek medical attention.
<b>Advice to Doctor</b>		Treat symptomatically.



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**If poisoning occurs, contact a doctor or Poisons Information Centre.  
Australia: 13 11 26 New Zealand: 0800 746 766**

### 5 Fire Fighting Measures

<b>Flammability</b>	Not flammable.
<b>Extinguishing Media:</b>	If the product is involved in a fire, use extinguishing media suitable for surrounding area.
<b>Hazardous Combustion Products:</b>	None combustible material.
<b>Precautions for Fire Fighters:</b>	In confined areas or areas of excessive smoke, fire fighter must wear full protection and self-contained breathing apparatus.
<b>Hazchem Code:</b>	None

### 6 Accidental Release Measures

**Emergency Procedures:**

Increase ventilation. Evacuate all unnecessary personnel. Wear sufficient respiratory protection and full protective clothing to minimize skin and eye exposure.

**Containment of Spill:**

Sweep up material avoiding dust generation then transfer material to a suitable container. Wash surfaces well, with soap and water. Seal all wastes in vapour tight labelled plastic container for eventual disposal. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

### 7 Handling and Storage

**Precautions for Safe Handling:**

Avoid generating and inhaling dusts. Keep containers closed when not in use. Store in tightly closed containers in a cool, dry place separate from normal work area. Wear appropriate protective equipment to prevent inhalation, skin and eye contact. Ensure a high level of personal hygiene is maintained when using this product.



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### 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 water and incompatible materials.

## 8 Exposure Controls / Personal Protection

### Exposure Standards:

Exposure limits have not been established by Safe Work Australia for this product. No special equipment is usually necessary when occasionally handling small quantities. The following instructions are for bulk handling.

### Engineering Controls:

Avoid generating and inhaling dusts. Use in a well-ventilated area only. Keep containers in a well-ventilated area. Local exhaust ventilation systems may be required.

### Personal Protective Equipment:

#### Respiratory Protection:

If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants.

#### Eye and Face Protection:

Safety glasses with side shields, goggles or full faced shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken.

#### Skin and Body Protection:

Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken.

## 9 Physical and Chemical Properties

<b>Appearance:</b>	White dry free flowing powder
<b>Odour</b>	Odourless
<b>pH:</b>	9.6 (10% solution)
<b>Viscosity</b>	Not Available



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<b>Solubility in water</b>	Soluble
<b>Specific Gravity/Density</b>	Not Available
<b>Boiling Point/Range</b>	Not Available
<b>Freezing/Melting Point</b>	Not Available

### 10 Stability and Reactivity

**Chemical Stability:**

This product is stable and unlikely to react or decompose under normal circumstances.

**Conditions to Avoid:**

Keep containers tightly closed, containers should be kept dry.

**Incompatible Material:**

Water, strong acids, strong bases, reducing agents.

**Polymerisation:**

Will not occur.

### 11 Toxicological Information

**Acute Toxicity:****Oral:**

Significant oral exposure is considered to be unlikely. However, this product is an oral irritant. Symptoms may include burning sensation and reddening of the skin in mouth and throat.

**Inhalation:**

Inhalation of dusts may irritate the respiratory system.

**Skin Corrosion/Irritation:**

Skin contact may cause mechanical irritation resulting in redness and itching.

**Eye Damage/Irritation:**

Moderate to severe irritation. Symptoms may include stinging and reddening of eyes and watering which may become copious.

**Sensitisation:**

No data

**Carcinogenicity:**

Not considered to be a carcinogenic hazard.

**Target Organ Toxicity:**

Not expected to cause toxicity to a specific organ.



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### 12 Ecological Information

**Ecotoxicity:**

In small quantities this product is unlikely to adversely affect the environment.

**Persistence and Degradability:**

Not available.

### 13 Disposal Considerations

**Disposal Methods:**

Do not discharge this product to natural waterways, storm water channels or sewers. This product is not a hazardous waste and it can, along with its containers, be disposed to landfill in accordance with local regulations.

### 14 Transport Information

<b>ROAD AND RAIL</b>	
<b>UN Number:</b>	None
<b>Proper Shipping Name:</b>	None
<b>Class (Subsidiary Risk):</b>	None
<b>Packing Group:</b>	None
<b>Special Precautions for User:</b>	None
<b>Hazchem Code:</b>	None
<b>Marine Transport: (IMO/IMDG)</b>	
<b>UN Number:</b>	None
<b>Proper Shipping Name:</b>	None
<b>Class (Subsidiary Risk):</b>	None
<b>Packing Group:</b>	None
<b>Special Precautions for User:</b>	None
<b>Hazchem Code:</b>	None

### 15 Regulatory Information

<b>Poison Scheduling:</b>	S5
<b>Registration/Notification:</b>	None



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### 16 Other Information

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#### Glossary

**ACGIH** - American Conference of Governmental and Industrial Hygienists.

**ASCC** - Australian Safety and Compensation Commission.

**BCF - Bioconcentration Factor** - ability to accumulate a chemical in an organism to levels greater than in the surrounding medium. Calculated by dividing the concentration of a chemical in an organism by the concentration in the surrounding medium.

**EC<sub>50</sub>** - median effective concentration. The concentration of a substance that causes a specified response/effect in an organism or population.

**Explosive Limits** - The range of concentrations (% by volume in air) of a flammable gas or vapour that can result in an explosion in a confined space.

**K<sub>oc</sub>** - the organic carbon partition coefficient (mL soil water /g organic carbon).

**LC<sub>50</sub>** - Lethal Concentration 50%. The concentration of a substance that kills 50% of a target population.

**LD<sub>50</sub>** - Lethal Dose-50%. The dose of a substance that kills 50% of a target population.

**NOAEL** - The highest dose or concentration of a substance used in a test/study that does not produce any observable adverse effects in the target organism.

**NOEL** - The highest dose or concentration of a substance used in a test/study that does not produce any observable effects in the target organism.

**pH** - Measure of how acidic or alkaline a material is using a 1 - 14 scale. pH 1 is strongly acidic and pH 14 strongly alkaline.

**Polymerisation** - a chemical reaction in which molecules (monomers) combine to form larger molecules (polymers). A hazardous polymerisation reaction is one that occurs at a fast rate and releases large amounts of energy.

**P<sub>ow</sub>** - The octanol-water partition coefficient. The ratio of the concentration of octanol and in water at equilibrium and at a specified temperature used in environmental studies to indicate fate of chemicals and the environment.

**STEL** - Short-Term Exposure Limit. The maximum concentration of a substance that workers can be exposed to for periods up to 15 minutes without adverse effects e.g. irritation, tissue damage, narcosis (drowsiness or unconsciousness).

**SWA** - Safe Work Australia.

**TWA** - Time Weighted Average. The time weighted average concentration of a substance that most workers may be repeatedly exposed to over a 8-hour or 40-hour week without adverse effect.

#### References

Prepared using data supplied by manufacturer and public databases.



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Hazard classification conducted according to the Safe Work Australia Guidance on the Classification of Hazardous Chemicals under the WHS Regulations.

**Contact:** Any advice, recommendation, information, assistance, or service provided by Hy-Clor Australia in relation to the goods supplied by it or their use or application is given in good faith and believed to be appropriate and reliable. However, this information is given without warranty or representation. The customer accepts all risk and responsibility for use of the goods alone, or in combination with other products.

Mr Mark Sheridan  
Technical Regulations Manager  
Telephone: Australia + 61 2 8805 2400  
New Zealand + 64 9 973 2477

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