

**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

<b>Product Name:</b>	<b>HY-CLOR STAIN REMOVER</b>
<b>Shipping Name:</b>	
<b>Product Code:</b>	HYCSTAINRMV
<b>UN Number:</b>	Not applicable
<b>Other names:</b>	None
<b>Recommended Use of the Chemical and Restrictions on Use:</b>	Stain remover for use in swimming pools
<b>Chemical Formula:</b>	Not applicable
<b>Supplier:</b>	HY-CLOR AUSTRALIA PTY LTD
<b>Street Address:</b>	178 Power Street Glendenning NSW 2761
<b>Telephone number:</b>	02 8805 2400 (Aus) 099732477 (NZ)
<b>After Hours Contact:</b>	0404 859 515 (Aus)
<b>Facsimile:</b>	02 8805 2401
<b>Email Contact:</b>	<a href="mailto:help@hyclor.com.au">help@hyclor.com.au</a>
<b>Emergency Telephone:</b>	<b>13 11 26 (Australia Poisons Information Centre)</b> <b>New Zealand 0800 764 766</b>

**2. HAZARDS IDENTIFICATION**

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

Based on available information, not classified as hazardous according to Safe Work Australia: Non Hazardous Substance.

**Poisons Schedule:** None allocated

**Hazard Statement(s):**  
This material is non hazardous

**Precautionary Statement(s):**  
**P232:** Protect from moisture  
**P233:** Keep container tightly closed  
**P261:** Avoid breathing dusts  
**P270:** Do not eat, drink or smoke when using this product  
**P281:** Use personal protective equipment as required



## Safety Data Sheet

8th March 2023

### 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.

**P335:** Brush off loose particles from skin

**P352:** Wash with plenty of soap and water

**P362:** Take off contaminated clothing and wash before reuse

**P301+P330+P331:** If swallowed, rinse mouth, do NOT induce vomiting.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Proportion % (w/w)
Oxalic acid	(CAS No) 144-62-7	15 - 40
Citric acid	(CAS No) 77-92-9	15 - 40
Sulfamic acid	(CAS No) 5329-14-6	15 - 40

### 4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126 or New Zealand 0800 746 766)

<b>Ingestion</b>	Give several glasses of water to drink to dilute. If large amounts were swallowed, get medical advice.
<b>Eye</b>	Wash thoroughly with running water. Get medical advice if irritation develops.
<b>Skin</b>	Wash exposed area with soap and water. Get medical advice if irritation develops.
<b>Inhaled</b>	If inhaled, remove to fresh air and see a doctor if breathing is difficult. Inhalation of dust or powder is likely to cause respiratory irritation.
<b>Advice to Doctor</b>	Treat symptomatically based on individual reactions of patient and judgement of doctor.

### 5. FIRE FIGHTING MEASURES

<b>Hazchem Code</b>	None allocated
<b>Extinguishers</b>	In case of fire, use appropriate extinguishing media suitable for surrounding fire conditions.
<b>Fire Fighting Procedures</b>	Wear self contained breathing apparatus and protective clothing.
<b>Hazardous Decomposition</b>	Irritating or highly toxic gases may be generated by thermal



## Safety Data Sheet

8th March 2023

**Products** decomposition or combustion.  
**Other precautions** Runoff from fire control or dilution or diluted water may cause pollution.

### 6. ACCIDENTAL RELEASE MEASURES

Avoid indirect contact with eyes, skin and dust from handling by using appropriate Personal Protective Equipment. Avoid generating dust, provide adequate ventilation. Contain and sweep up large quantities with a broom into containers. Avoid release to drains and waterways. If product does enter waterway, advise the local environmental or emergency service. Dispose in accordance with environmental regulations. Wash hands thoroughly with soap and water if contact occurs.

### 7. HANDLING AND STORAGE

**Handling** Avoid inhaling dust. Avoid contact with eyes and skin and clothing. Wash hands thoroughly after use.  
**Storage** Store in the closed original container in a cool dry place out of reach of children. Do not store in direct sunlight. Not to be used as a food container.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Standards** No ingredients in this product have exposure standards, as outlined in the standard *Exposure Standards for Atmospheric Contaminants in the occupational Environment* third edition, published by the National occupational Health and Safety Commission/AGPS, 1995.

**Engineering Measures** Ensure ventilation is adequate. Avoid generating and inhaling dust. If dusts are produced local exhaust ventilation should be used.

**Personal Protection Equipment**

**Clothing** Wear appropriate protective clothing to minimise contact with skin.

**Skin Protection** Wear appropriate protective gloves to prevent skin exposure.

**Eye Protection** Safety glasses with side shields, goggles or full-face shield as appropriate.

**Respiratory Protection** If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used.

**Personal Hygiene** Always wash hands after using this product.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Colourless to white
<b>Odour</b>	Odourless
<b>pH</b>	<2
<b>Vapour Pressure</b>	Not applicable
<b>Viscosity</b>	Not applicable
<b>Boiling Point</b>	Not applicable
<b>Freezing/Melting Point</b>	1184 deg F
<b>Autoignition Temperature</b>	Not applicable
<b>Flash Point</b>	Not applicable
<b>Explosion Limits, Lower</b>	Not available
<b>Explosion Limits, Upper</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Solubility in water</b>	Soluble in water
<b>Specific Gravity/Density</b>	2.181

**10. STABILITY AND REACTIVITY**

<b>Chemical Stability</b>	Stable under normal temperature and pressures.
<b>Conditions for Avoid</b>	Incompatible materials, dust generation, excess heat.
<b>Incompatible Material</b>	Oxidising agents.
<b>Hazardous Decomposition Products</b>	Oxides of phosphorus, irritating and toxic fumes and gases, toxic fumes of sodium oxide.

**11. TOXICOLOGICAL INFORMATION**

Acute Toxicity: Harmful if swallowed.

LD50 and LC50 Data:

Multi-Stain Remover	
ATE US (oral)	855.37 mg/kg body weight

Skin Corrosion/Irritation: Causes severe skin burns and eye damage.

pH: < 2

Serious Eye Damage/Irritation: Causes serious eye damage.

pH: < 2

Respiratory or Skin Sensitization: Not classified Germ Cell Mutagenicity: Not classified

Teratogenicity: Not available

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified



## Safety Data Sheet

8th March 2023

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Potential Adverse Human Health Effects and Symptoms: Harmful if swallowed.

Symptoms/Injuries After Inhalation: May cause respiratory irritation.

Symptoms/Injuries After Skin Contact: Highly corrosive to skin. Symptoms/Injuries

After Eye Contact: Causes serious eye damage. Symptoms/Injuries After Ingestion:

Harmful if swallowed.

Chronic Symptoms: None expected under normal conditions of use.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data: Citric acid (77-92-9)	
LD50 Oral Rat	5400 mg/kg
LD50 Dermal Rat	> 2000 mg/kg
Sulfamic acid (5329-14-6)	
LD50 Oral Rat	1450 mg/kg
LD50 Dermal Rat	> 2000 mg/kg
Oxalic acid (144-62-7)	
LD50 Oral Rat	375 mg/kg
LD50 Dermal Rat	20000 mg/kg
ATE US (dermal)	1,100.00 mg/kg body weight

## 12. ECOLOGICAL INFORMATION

### Toxicity

Ecology - General: Harmful to aquatic life with long lasting effects. Citric acid (77-92-9)

LC50 Fish 1 1516 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

Sulfamic acid (5329-14-6)

LC50 Fish 1 70.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

EC50 Daphnia 1 71.6 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Oxalic acid (144-62-7)

EC50 Daphnia 1 125 - 150 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

### Persistence and Degradability

Citric acid (77-92-9)

**Persistence and Degradability** Readily biodegradable in water.

### Bioaccumulative Potential

Product Name: Stain Remover

Last Review 08/3/2023



## Safety Data Sheet

8th March 2023

Citric acid (77-92-9)	
Log Pow	-1.72 (at 20 °C)
Oxalic acid (144-62-7)	
BCF fish 1	(no bioaccumulation)
Log Pow	-0.81 (at 30 °C)

**Mobility in Soil:** Not available  
**Other Adverse Effects**  
**Other Information:** Avoid release to the environment.

### 13. DISPOSAL CONSIDERATIONS

#### Disposal Methods & Containers

In accordance with all local, state, and federal regulations.

### 14. TRANSPORT INFORMATION

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code for transport by Road and Rail.

### 15. REGULATORY INFORMATION

#### Classification

Based on available information, not classified as hazardous according to Safe Work Australia:  
NON HAZARDOUS SUBSTANCE

**Poisons Schedule (SUSMP)** None allocated

### 16. OTHER INFORMATION

**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.

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