



Safety Data Sheet

20TH AUGUST 2016

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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|---|---|
| Product Name: | HY-CLOR 3 IN 1 CONCENTRATED POOL CHLORINE |
| Shipping Name: | Sodium Dichloroisocyanurate Dihydrate |
| Product Code: | HYCCONCHL02 – 2KG, HYCCONCHL04 – 4KG HYCCONCHL10 – 10KG |
| UN Number: | N/A |
| Other Names: | DCID, Dichlor |
| Recommended Use of the Chemical and Restrictions on Use: | Swimming Pool disinfectant and Sanitiser |
| Chemical Formula: | N/A |
| Supplier: | HY-CLOR AUSTRALIA PTY LTD |
| Street Address: | 178 Power Street Glendenning NSW 2761 |
| Telephone Number: | 02 8805 2400 |
| After Hours Contact: | 0404 859 515 |
| Facsimile: | 02 8805 2401 |
| Email Contact: | help@hyclor.com.au |
| Emergency Telephone: | 13 11 26 (Australia Poisons Information Centre) New Zealand 0800 764 766 |

2. HAZARDS IDENTIFICATION

This product is classified as: Xn, Harmful. Xi: Irritating. Hazardous according to the criteria of Safe Work Australia.

Poison Schedule: S6

SIGNAL WORD: WARNING

Hazard Statement(s):

H290: May be corrosive to metals

H302: Harmful if swallowed

H320: Causes eye irritation

H335: May cause respiratory irritation

Precautionary Statement(s):

P220: Keep or store away from combustible materials

P232: Protect from moisture

P233: Keep container tightly closed

P260: Do not breathe Dust, smoke etc.

P270: Do not eat, drink or smoke while using this product



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Response:

P301+P312: If Swallowed Call poison centre

P301, P330, P331: If swallowed, rinse mouth, do not induce vomiting

P304+P340: If inhaled, remove victim to fresh air

P305+P351+P338: If in eyes; Rinse Cautiously with water for several minutes. Remove contact lenses

P370+P378: In case of fire; Use appropriate extinguisher

Storage:

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

P304+P235: Store in a well ventilated place. Keep cool

Disposal:

P501: If they cannot be recycled, dispose of contents to an approved waste disposal plant and containers to landfill

Aquatic Acute:

H400: Very toxic to aquatic life

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredients | CAS | Proportion |
|---------------------------------------|------------|------------|
| Sodium Dichloroisocyanurate Dihydrate | 51580-86-0 | 100% |

4. FIRST AID MEASURES

General

You should call The Poisons Information Centre if you feel that you may have been poisoned, Burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS when you call.

Ingestion: If swallowed, do NOT induce vomiting. Wash mouth with water and contact a Poisons Information Centre or a doctor.

Eye: Quickly and gently brush particles from eyes. Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 20 minutes or until the product is removed, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. Obtain medical attention immediately.

Skin: Gently brush away excess particles. Irritation is unlikely. However, if irritation does occur, flush with lukewarm gently flowing water for 5 minutes or until chemical is removed.

Inhalation: If inhalation occurs, contact a Poisons Information Centre, or call a doctor. Remove source of contamination or move victim to fresh air. If breathing is difficult, oxygen may be beneficial if administered by trained personnel, preferably on a doctor's advice. In severe cases, symptoms of pulmonary oedema can be delayed up to 48 hours after exposure.



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5. FIRE FIGHTING MEASURES

Fire and Explosion Hazards:

The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

Extinguishing Media:

In case of fire, use carbon dioxide, dry chemical, foam or water fog.

Fire Fighting:

When fighting fires involving significant quantities of this product, wear a splash suit complete with self contained apparatus.

6. ACCIDENTAL RELEASE MEASURES

Accidental release: This product is sold in small packages, and the accidental release from one of these is not usually a cause for concern. For minor spills, clean up, rinsing to sewer and put empty containers in garbage. Although no special protective clothing is normally necessary because of occasional minor contact with this product, it is good practice to wear impermeable gloves when handling chemical products. In the event of a major spill, prevent spillage from entering drains or water courses.

7. HANDLING AND STORAGE

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Wear personal protective equipment if necessary. Avoid contact or contamination of product with incompatible materials.

Storage: Make sure containers of this product are kept tightly closed. Keep containers dry and away from water. Keep containers of this product in a well ventilated area. Keep away from heat and flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits have not been established by SWA for any of the known significant ingredients in this product. No special equipment is usually needed when occasionally handling small quantities.

Engineering Measures: Avoid generating and inhaling dusts. Use in a well ventilated area only. Keep containers in a well ventilated area. Local exhaust ventilations system may be required.

Personal Protection Equipment

Clothing: Suitable protective clothing should be worn e.g. cotton overalls and safety shoes.

Skin Protection: Impervious PVC or rubber gloves should be worn.

Eye Protection: Safety glasses with side shields or goggles should be worn.

Respiratory Protection: If dust exists, wear respirator meeting the requirements of AS/NZS 1716.



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Personal Hygiene

Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

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|----------------------------------|--|
| Appearance: | White to cream, dry free flowing powder. Chlorine odour. |
| Boiling Point: | N/A |
| Freezing/Melting Point: | 240 Deg C. |
| Vapour Pressure: | N/A |
| Specific Gravity: | N/A |
| Flash Point: | N/A |
| Upper Flammability Limit: | N/A |
| Lower Flammability Limit: | N/A |
| Solubility in Water: | Appreciable |
| pH: | 6.5 (1% solution) |
| Autoignition Temp: | Not applicable Does not burn. |

10. STABILITY AND REACTIVITY

Chemical Stability: Exposure to high temperatures or contact with acids may liberate chlorine gas which is toxic.

Conditions to Avoid: This product should be kept in a cool place, preferably below 30 Deg C. Keep containers tightly closed. Containers should be kept dry. Keep containers and surrounding areas well ventilated. Keep away from heat, flames and sparks. Keep isolated from combustible materials.

Incompatible Materials: Acids, zinc, tin, aluminium and their alloys, organic chemicals.

Hazardous Decomposition

Products: Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. May form nitrogen and its compounds, and under some circumstances, oxides of nitrogen.

This product will not undergo polymerisation reactions.

11. TOXICOLOGICAL INFORMATION

Potential Health Effects

Acute Effects

Swallowed: Available data shows that this product is harmful; symptoms may include nausea, vomiting and irritation of the gastrointestinal tract if swallowed.

Skin: Available data indicates that this product is not harmful. It should present no hazards in normal use. In addition product is unlikely to cause any discomfort in normal use.

Eye: This product is an eye irritant. Symptoms may include stinging and reddening of eyes and watering which may become copious. Other symptoms may also become evident. If exposure is brief, symptoms should disappear once exposure has ceased. However, lengthy exposure or delayed treatment may cause permanent damage.



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Inhaled: The vapour is an irritant to the mucous membranes and respiratory tract. Inhalation of dust will result in respiratory irritation. Inhalation may result in headaches, dizziness and possible nausea. May also cause burns to the respiratory tract with the production of lung edema which can result in shortness of breath, wheezing, choking, chest pain and impairment of lung function. Inhalation of high concentrations can result in permanent lung damage.

Long Term Effects: Prolonged skin exposure may cause destruction of the dermis with impairment of the skin at site of contact to regenerate.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Insufficient Data

13. DISPOSAL CONSIDERATIONS

Disposal: Dispose of according to relevant local, state and federal government regulations.

Special Precautions for Landfill: Contact a specialist disposal company for landfill.

14. TRANSPORT INFORMATION

This product is not classified as a Dangerous Good by ADG, IATA or IMDG/MSBC criteria. No special transport conditions are necessary unless required by other regulations.

15. REGULATORY INFORMATION

Poisons Schedule (Aust) S6

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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