

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: HY-COLOR FLOCCULENT 2KG
Shipping Name: Aluminium Sulphate
Product Code: HYCFLOCSP02
UN Number: None allocated
Other Names: N/A
Recommended Use of the Chemical and Restrictions on Use: Flocculent for swimming pool water and waste treatment

Supplier: HY-COLOR AUSTRALIA PTY LIMITED
Street Address: 178 Power Street
Glendenning NSW 2761
Telephone Number: (02) 8805 2400 (Aus) 09 973 2477 (NZ)
After Hours Contact: 0404 859 515 (Aus)
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. HAZARD IDENTIFICATION

Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code.

Poison Schedule: None

This material is not hazardous according to Safe Work Australia; NON HAZARDOUS SUBSTANCE

Classification of the substance or mixture:

SIGNAL WORD: Warning

**Hazard Statement(s):**

- H315:** Causes skin irritation
- H320:** Causes eye irritation
- H335:** May cause respiratory irritation



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Precautionary Statement(s):

- 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
- P281:** Use personal protective equipment as required

Response:

- P335:** Brush off loose particles from skin
- P352:** Wash with plenty of soap and water
- P301+P330+P331:** IF SWALLOWED, Rinse mouth, Do NOT induce vomiting
- P305+P351+P338:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P370+P378:** Not combustible. Use extinguishing media suited to burning material.

Storage:

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

Disposal:

- P501:** Dispose of contents to an approved waste disposal plant and containers To landfill

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity	CAS Number	Proportion
Aluminium Sulphate	10043-01-3	100%

4. FIRST AID MEASURES

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. Australia 13 1126 or New Zealand 0800 764 766. Have this SDS when you call.

Swallowed:

DO NOT INDUCE VOMITING. Wash out mouth with water and give plenty of water to drink. If symptoms develop seek medical attention.

Skin:

Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.



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Eye: 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.

Inhaled: If inhaled, remove from contaminated area to fresh air. If irritation develops, or persists for more than 30 minutes, seek medical advice.

Advice to Doctor: Treat symptomatically

5. FIRE FIGHTING MEASURES

Fire and Explosion Hazards: There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

Extinguishers: In case of fire, use appropriate extinguishing media most suitable for surrounding fire conditions.

Fire Fighting Precautions: In confined areas or areas of excessive smoke, fire fighter must wear full protection and self-contained breathing apparatus.

Combustion Products

Other Precautions: Fire decomposition products from this product may be toxic if inhaled.

6. ACCIDENTAL RELEASE MEASURES

Increase ventilation. Evacuate all unnecessary personnel. Wear sufficient protection to minimize skin and eye exposure. Sweep up material avoiding dust and then transfer material to a suitable container. Wash surfaces well, with soap and water. Seal all wastes in labelled plastic containers for 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

Handling: Avoid generating dust. 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, that is, always wash hands before eating, drinking, smoking or using the toilet.



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Storage: Store in a cool, dry well-ventilated area, out of direct sunlight and moisture. Store in suitable labelled 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 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 workwear should be worn to protect personal clothing.

Skin 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.

Eye 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.

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.

Personal hygiene: Always wash hands after using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance / Odour: White lustrous crystals, granules or powder
pH: 3.7
Vapour Pressure: Not applicable
Vapour Density: Not applicable
Boiling Point/Range: Not available
Melting Point: 770 Deg C
Solubility in water: 50%



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Specific Gravity / Density: Not applicable
Evaporation Rate: Not available
Lower Explosion Limit: Not applicable
Upper Explosion Limit: Not applicable

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. Keep containers and surrounding areas well ventilated. Avoid excessive heat and direct sunlight.

Incompatible Material: Incompatible with strong oxidizing agents and sources of ignition

Hazardous Decomposition Products: Forms aluminium oxide and Sulphur trioxide at temperatures above 650 Deg. C

Polymerisation: This product will not undergo polymerization reactions.

11. TOXICOLOGICAL INFORMATION

Toxicology Information: Oral LD50 (rat) = 1930mg/kg

Acute Health Effects

Swallowed: Ingestion may cause abdominal pain, nausea and vomiting.

Skin: Dust and concentrated solutions can cause irritation, especially of open cuts. Symptoms may include itchiness and reddening of contacted skin.

Eye This product is an eye irritant. Symptoms may include stinging and reddening of eyes and watering.

Inhaled May cause sore throat, coughing and irritation of the nose and throat.

Long Term Effects Repeated or prolonged skin contact may result in skin irritation. Repeated ingestion of this material may cause phosphate deficiency.

**12. ECOLOGICAL INFORMATION**

This product is unlikely to adversely affect the environment. Salts, acids and bases are typically diluted and neutralised when release to the environment in small quantities.

13. DISPOSAL CONSIDERATIONS

Dispose of small quantities and empty containers by wrapping with paper and putting in garbage, disposal of large quantities according to relevant local, state and federal government regulations

14. TRANSPORT INFORMATION

This product is not classified as a Dangerous Good, no special transport conditions are necessary.

15. REGULATORY INFORMATION

This material is hazardous according to Safe Work Australia; HAZARDOUS SUBSTANCE

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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