



Material Safety Data Sheet

Issue Date: 20 January 2023

Product Name: HY-CLOR SPA FRAGRANCE CITRUS

Not classified as Dangerous goods by the criteria of Safe Work Australia; NON-HAZARDOUS SUBSTANCE

IDENTIFICATION

Product Name	Hy-Clor Spa Fragrance Citrus
Other Names	Poly-diallyldimethylammonium chloride
Product Code & Size	HYCSPAFRFCITR
Recommended Uses	A cationic coagulant used to fragrance and clear swimming pool & spa water.
Company Name	HY-CLOR AUSTRALIA PTY LIMITED
Address	178 Power Street, Glendenning, NSW 2761
Tel/Fax	Ph: (02) 8805 2400 Fax: (02) 8805 2401
Emergency Contact Number	Business Hours only (02) 8805 2400. After Hours 0404 859 515 General Information
24 Hour Emergency Contact	if poisoning occurs, contact a doctor or Poisons Information Centre Australia 131 126 or New Zealand 0800 746 766.

HAZARDS IDENTIFICATION

Hazard Statement

This material is hazardous according the criteria of NOHSC/ASCC.

UN Number	None allocated
Dangerous Goods Class	None allocated
Packaging Group	None allocated
Hazchem Code	None allocated
Poisons Schedule	None allocated

Risk Phrases

R36/37/38	Irritating to eyes, respiratory system and skin.
R41	Risk of serious eye damage.
R52	Harmful to aquatic organisms.

Safety Phrases

S24	Avoid contact with skin.
S25	Avoid contact with eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S46	If swallowed, seek medical advice immediately.

COMPOSITION / INFORMATION

Ingredients	CAS Number	Proportion
Polydiallyldimethylammonium chloride	26062-79-3	<10%
Tetrasodium Pentahydrate	13235-36-4	10%
Fragrance Citrus	-	<1%
Water	7732-18-5	to 100%

FIRST AID MEASURES

Inhalation	Remove victim from area of exposure – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.
Skin	If skin contact occurs, remove contaminated clothing and wash skin with running water. If irritation occurs seek medical advice.
Eye	If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.
Ingestion	Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Never give anything by the mouth to an unconscious patient. Seek medical advice.
Advice to Doctor	Treat symptomatically
Medical conditions that may Be Aggravated by Exposure	No information available.

FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Not combustible, however, if material is involved in a fire use: Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).
Fire Fighting Procedures	Fire fighters should wear a positive-pressure self-contained breathing apparatus (SBCA) and protective fire fighting clothing (includes fire fighting helmet, coat trousers, boots and gloves). Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk. Do NOT allow fire fighting water to reach waterways, drains or sewers.
Hazardous Decomposition Products	Decomposes on heating emitting toxic fumes, including those of hydrogen chloride, oxides of carbon and oxides of nitrogen.

ACCIDENTAL RELEASE MEASURES

Spills

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Work up wind or increase ventilation. Contain – prevent runoff into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labeled containers or drums for disposal. Wash area down with excess water. Recover the cleaning water for subsequent disposal.

HANDLING AND STORAGE

Handling	Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling. Take precautionary measures against static discharges by bonding and grounding equipment. Avoid contact with eyes, skin and clothing. Do not inhale product fumes.
Storage	Store in a cool, dry, well ventilated area. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage. Store away from incompatible materials. Store between 0-30 Deg C. Keep away from sources of ignition. Freezing will affect the physical condition and may damage the material.

EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards	No value assigned for this specific material by the NOHSC/ASCC.
Engineering Measures	Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.
Personal Protective Equipment	
Clothing	Long-sleeved protective clothing and safety footwear (AS3765/2210).
Skin	Wear butyl, neoprene or nitrile gloves (AS2161).
Eye	Safety glasses with side shields (AS1336/1337).
Respirator	Wear a respirator with an organic vapour filter where dusts/vapours are generated and engineering controls are inadequate (AS1715/1716).

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Blue
Odour	Slightly Amine
Solubility	Miscible in water
Specific Gravity	ca. 1.1 Relative
Vapour Density (air=1)	Not available Vapour
Pressure (20° C)	Not applicable
Flammability Limits (%)	Not applicable
Auto ignition Temperature (° C)	Not applicable
Boiling Point/Range (° C)	>100
pH	ca. 6.5
Lower Explosion Limit	Not applicable
Upper Explosion Limit	Not applicable

HANDLING AND STORAGE

Chemical Stability	Product is stable under normal conditions of use, storage and temperature.
Conditions to Avoid	Avoid excessive heat, direct sunlight, moisture, freezing, static charges and high temperatures.
Incompatible Materials	Incompatible with oxidizing agents and sources of ignition.

Hazardous Decomposition Products When involved in a fire, this material may generate carbon dioxide, and carbon monoxide.

Hazardous Reactions Hazardous polymerization will not occur. Reacts with oxidizing materials and may cause exothermic reaction.

TOXICOLOGICAL INFORMATION

Toxicology Information Oral LD50 Rat: >3000mg/Kg (approx.)

Health Effects acute-Swallowed Ingestion may cause nausea, vomiting, diarrhea, dizziness, or convulsions.

Eye Irritating to eyes. May cause severe eye irritation.

Skin Irritating to skin. Prolonged skin contact may cause dermatitis.

Inhaled Irritating to respiratory system. Inhalation may irritate the nose, throat and lungs.

ECOLOGICAL INFORMATION

Ecotoxicity This substance is hazardous to the environment and care should be taken to avoid discharge into rivers and waterways.
Harmful to aquatic organisms.
May cause long term adverse effects in the aquatic environment.

DISPOSAL CONSIDERATIONS

Disposal If utilization or recycling of the product is not possible, it should be disposed of in accordance with all local, state and federal regulations.

TRANSPORT INFORMATION

UN Number None allocated

Dangerous Goods Class None allocated

Packaging Group None allocated

Hazchem Code None allocated

Poisons Schedule None allocated

Road and Rail Transport

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

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

REGULATORY INFORMATION

Classification: Based on available information, not classified as hazardous according to criteria of Safe Work Australia; NON-HAZARDOUS SUBSTANCE.

Poisons Schedule: None allocated.

CONTACT POINT**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, it is provided with a disclaimer for any liability or responsibility on the part of Hy-Clor Australia Pty Ltd. The customer accepts all risk and responsibility for use of the goods alone, or in combination with other products. All warranties, guarantees and conditions, other than those expressly stated, and whether implied by statute, common law, custom of the trade otherwise, are to the extent that the law permits expressly excluded.

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