



# Material Safety Data Sheet

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Infosafe No™ ACRRL

Issue Date : May 2009

ISSUED by POOLSPAP

Product Name : POOL POPPITS PACK 2 YELLOW SACHET

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product Name</b>	POOL POPPITS PACK 2 YELLOW SACHET				
<b>Company Name</b>	POOL & SPA POPPITS PTY. LTD. (ABN 53 569 007 940)				
<b>Address</b>	12 Conquest Way Hallam VIC 3803 Australia				
<b>Emergency Tel.</b>	(03) 8795 7155				
<b>Telephone/Fax Number</b>	Tel: (03) 8795 7155 Fax: (03) 8795 7144				
<b>Email</b>	info@poolpoppits.com.au.				
<b>Recommended Use</b>	Used to kill algae in swimming pools.				
<b>Other Names</b>	<table><thead><tr><th><u>Name</u></th><th><u>Product Code</u></th></tr></thead><tbody><tr><td>SODIUM STANNATE</td><td></td></tr></tbody></table>	<u>Name</u>	<u>Product Code</u>	SODIUM STANNATE	
<u>Name</u>	<u>Product Code</u>				
SODIUM STANNATE					

## 2. HAZARDS IDENTIFICATION

<b>Hazard Classification</b>	HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. Hazard classification according to the criteria of NOHSC. Dangerous goods classification according to the Australia Dangerous Goods Code.
<b>Risk Phrase(s)</b>	R37/38 Irritating to respiratory system and skin. R41 Risk of serious damage to eyes.
<b>Safety Phrase(s)</b>	S2 Keep out of reach of children. S20/21 When using, do not eat, drink or smoke. S22 Do not breathe dust. S24/25 Avoid contact with skin and eyes. S27 Take off immediately all contaminated clothing. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S45 In case of accident or if you feel unwell seek medical advice immediately
<b>Other Information</b>	Aqueous, highly alkaline solutions may cause burns.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredients</b>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Sodium Stannate	12027-70-2	99-100 %

## 4. FIRST AID MEASURES

<b>Inhalation</b>	If inhaled, remove affected person from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.
<b>Ingestion</b>	Do not induce vomiting. Wash out mouth thoroughly with water. If symptoms develop seek medical attention.
<b>Skin</b>	Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. Seek medical attention.
<b>Eye</b>	If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.
<b>First Aid Facilities</b>	An eye wash fountain, safety shower and a general washing facility
<b>Advice to Doctor</b>	Treat symptomatically.
<b>Other Information</b>	For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126) or a doctor at once.

## 5. FIRE FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use appropriate fire extinguisher for surrounding environment.
<b>Hazards from Combustion Products</b>	Under fire conditions this product may emit toxic and/or irritating fumes and gases.



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<b>Specific Hazards</b>	Non flammable, however at high temperature: heating can cause expansion or decomposition leading to violent rupture of containers.
<b>Decomposition Temp.</b>	140°C (Decomposes losing water)
<b>Precautions in connection with Fire</b>	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers

## 6. ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedures</b>	Increase ventilation. Evacuate all unprotected personnel. Wear sufficient respiratory protection and full protective clothing to prevent exposure. Sweep up material avoiding dust generation or dampen spilled material with water to avoid airborne dust, then transfer material to a suitable container. Wash surfaces well with soap and water. Seal all wastes in labelled plastic containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water authorities and EPA in accordance with local regulations.
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## 7. HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of dust in the work atmosphere. Avoid inhalation of dust, and skin or eye contact. Maintain high standards of personal hygiene ie. Washing hands prior to eating, drinking, smoking or using toilet facilities.
<b>Conditions for Safe Storage</b>	Corrosive. Store in a cool, dry, well-ventilated area, out of moisture and heat. Keep container off wet floor. Store in tightly-closed containers. Store away from foodstuff. Keep containers closed when not in use and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Store away from incompatible materials. For information on the design of the storeroom, reference should be made to Australian Standard AS 3780-1994 The storage and handling of corrosive substances. Reference should also be made to all State and Federal regulations.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>National Exposure Standards</b>	No exposure standards have been established for this material, however, the TWA National Occupational Health And Safety Commission (NOHSC) exposure standards for Tin, inorganic compounds is 2 mg/m <sup>3</sup> . TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week. As with all chemicals, exposure should be kept to the lowest possible levels.
<b>Engineering Controls</b>	Use in well ventilated areas. If dust is produced, in industrial applications, local exhaust ventilation should be used.
<b>Respiratory Protection</b>	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable dust/particulate filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.
<b>Eye Protection</b>	Safety glasses with side shields or chemical goggles is recommended. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
<b>Hand Protection</b>	The use of impervious chemical (synthetic rubber, PVC) gloves recommended. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
<b>Footwear</b>	Covered footwear or boots as required.
<b>Body Protection</b>	Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended for industrial applications. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	White or colourless crystals.
<b>Odour</b>	Not available



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<b>Decomposition Temperature</b>	140°C (Decomposes losing water)
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	Not applicable
<b>Solubility in Water</b>	Soluble (1g dissolves in 1.7 g water)
<b>Solubility in Organic Solvents</b>	Insoluble in alcohol
<b>Specific Gravity</b>	Not available
<b>pH Value</b>	13 (10% solution)
<b>Vapour Pressure</b>	Not available
<b>Flash Point</b>	Not applicable
<b>Flammability</b>	Non flammable
<b>Flammable Limits - Lower</b>	Not available
<b>Flammable Limits - Upper</b>	Not available

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## 10. STABILITY AND REACTIVITY

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<b>Chemical Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	Contact with water
<b>Incompatible Materials</b>	Acids
<b>Hazardous Decomposition Products</b>	When heated to decomposition, toxic fumes may be released
<b>Hazardous Polymerization</b>	Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Toxicology Information</b>	For anhydrous Sodium stannate: LD50 (Oral, Rat): 3457 mg/kg
<b>Inhalation</b>	Dust generated will cause severe irritation to the mucous membrane and upper airways especially when wet. Symptoms may include coughing, breathing difficulties, severe pain and may lead to permanent tissue scarring, pulmonary oedema, pneumonitis.
<b>Ingestion</b>	May cause severe irritation to the mouth, oesophagus and stomach. Symptoms may include nausea, vomiting, perforation with severe abdominal pain and bleeding, breathing difficulties, shock, convulsions, collapse.
<b>Skin</b>	Will cause severe irritation in contact with the skin specially when wet, resulting in redness, itching, swelling, blistering, severe lesions and possible permanent tissue damage (scarring). Repeated contact with diluted solutions may also lead to dermatitis.
<b>Eye</b>	Risk of serious damage to eyes. Eye contact will cause stinging, blurring, tearing, severe pain and possible permanent corneal damage.
<b>Chronic Effects</b>	Prolonged or repeated contact with this material will result in skin irritation and possibly lead to dermatitis. Repeated or prolonged exposure may also lead to permanent tissue scarring, pulmonary oedema, pneumonitis. May also aggravate existing respiratory disorders.

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## 12. ECOLOGICAL INFORMATION

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<b>Ecotoxicity</b>	Not available
<b>Persistence / Degradability</b>	Not available
<b>Mobility</b>	Not available
<b>Environ. Protection</b>	Prevent this material from entering the environment.



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## 13. DISPOSAL CONSIDERATIONS

**Disposal Considerations** Dispose of waste according to Environmental Protection Authority, federal, state and local regulations.

## 14. TRANSPORT INFORMATION

**Transport Information** Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.  
**Packaging Method** Pack 2-Yellow in 30 g sachet x 2

## 15. REGULATORY INFORMATION

**Regulatory Information** Classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.  
Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

**Poisons Schedule** S5

**Packaging & Labelling** Labelling requirements of the Standard for Uniform Scheduling of Drugs and Poisons do not apply to a poison that is packed and sold solely for industrial, laboratory or manufacturing purposes; however is labelled in accordance with the National Occupational Health and Safety Commission's 'National Code of Practice for the Labelling of Workplace Substances'.

**Hazard Category** Irritant

**AICS (Australia)** All components of this product are listed on the Australian Inventory of Chemical Substances (AICS).

## 16. OTHER INFORMATION

**Date of preparation or last revision of MSDS** MSDS Reviewed: May 2009  
Supersedes: December 2003.

**Contact Person/Point** Rob Anderson - Managing Director:  
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