

Safety Data Sheet

Infosafe No™ ACRPI Issue Date : June 2014 ISSUED by WATERCO

Product Name : **POPPIT SPA SANITISER**

1. Identification

GHS Product Identifier POPPIT SPA SANITISER
Product Code 910011 BULK
Company Name POOL & SPA POPPITS - A Division of Waterco (ABN 003 070 733)
Address 36 South Street Rydalmere
 NSW 2116 Australia
Telephone/Fax Number Tel: 61 2 9898 8682
 Fax: 61 2 9898 1877
Recommended use of the chemical and restrictions on use Water Sanitation.
Other Names

<u>Name</u>	<u>Product Code</u>
POPPIT SPA SANITISER	15 Lt 348707, 5 x3 Lt 348709, 15 Lt 348200

2. Hazard Identification

Classification of the substance or mixture Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia
 Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Signal Word (s) Eye Damage/Irritation: Category 1
 Danger

Hazard Statement (s) H318 Causes serious eye damage.

General Precautionary Statement (s) P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
 P103 Read label before use.

Pictogram (s) Corrosion



Precautionary statement – Prevention P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – 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.
 P310 Immediately call a POISON CENTER or doctor/physician.

Precautionary statement – Disposal P501 Dispose of contents/container to an approved waste disposal plant.

Supplemental information Supplemental information
 The information under this heading is not mandatory under WHS Regulations. It is provided as information on other GHS hazard classes and categories and/or environmental hazards that are outside the scope of the WHS Regulations.
 GHS classification: Acute Toxicity - Oral: Category 5 Hazard statement: H303. Precautionary statement: P312.

3. Composition/information on ingredients

Chemical Characterization Liquid

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Hydrogen peroxide	7722-84-1	10-<20 %
Water	7732-18-5	Balance

4. First-aid measures

Inhalation	If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.
Ingestion	Do not induce vomiting. Wash out mouth thoroughly with water. Seek immediate medical attention.
Skin	Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.
Eye contact	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.
First Aid Facilities	Eyewash, safety shower and normal washroom facilities.
Advice to Doctor	Treat symptomatically.
Other Information	For advice in an emergency, contact a Poisons Information Centre or a doctor at once. (131 126)

5. Fire-fighting measures

Suitable extinguishing media	Carbon dioxide, dry chemical, foam, water fog or water mist.
Unsuitable Extinguishing Media	Do not use water jet. DO NOT use extinguishing media such as organic compounds.
Hazards from Combustion Products	Non combustible material. Will release oxygen when heated, intensifying a fire.
Specific hazards arising from the chemical	Non flammable, non combustible however at high temperature - will release oxygen. Heating can also cause expansion or decomposition leading to violent rupture of containers. This may cause other materials to burn more fiercely. Due to strong oxidising nature may cause combustible materials to catch fire. May form explosive mixtures with organics.
Hazchem Code	2R
Decomposition Temp.	Not available
Precautions in connection with Fire	Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. In case of fire the product may be violently or explosively reactive. Use water spray to disperse vapours. This product should be prevented from entering drains and watercourses.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Evacuate all unprotected personnel. Do not allow contact with skin and eyes. Do not breathe mist/vapour. It is essential to wear self-contained breathing apparatus (S.C.B.A) and full personal protective equipment and clothing to prevent exposure. Avoid exposure to spillage by collecting the material using vacuum and transfer into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.
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7. Handling and storage

Precautions for Safe Handling	Avoid breathing in vapours, mist or fumes. Wear suitable protective clothing, gloves and eye/face protection when mixing and using. Use in designated areas with adequate ventilation. Keep containers tightly closed. Ensure a high level of personal hygiene is maintained when using this product, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities.
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Conditions for safe storage, including any incompatibilities Oxidising liquid. Store in a cool dry well-ventilated area. Store in a cool, dry well-ventilated area away from foodstuffs, clothing, combustible and incompatible materials. Protect from contamination - Use only very clean containers and equipment free from traces of impurities. Keep only in original container. Never return unused product to original container. Do not reuse empty packaging to store other products. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Ensure that storage conditions comply with applicable local and national regulations. Have appropriate fire extinguishers available in and near the storage area. For information on the design of the storeroom reference should be made to Australian Standard AS 4326 The storage and handling of oxidizing agents.

8. Exposure controls/personal protection

Occupational exposure limit values Safe Work, Australia Exposure Standards:

Substance	TWA		STEL		NOTICES
	ppm	mg/m ³	ppm	mg/m ³	
Hydrogen peroxide	1	1.4	-	-	-

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.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

Biological Limit Values No biological limit allocated.

Appropriate engineering controls This substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers' breathing zone. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure standards, suitable respiratory protection must be worn.

Respiratory Protection If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/ mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. Reference should be made to Australian 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.

Eye Protection Safety glasses with full face shield should be used. Eye protection devices should conform to relevant regulations. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand 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. Occupational protective gloves should conform to relevant regulations. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body Protection Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

9. Physical and chemical properties

Form	Liquid
Appearance	Clear water-like liquid.
Odour	Not available
Decomposition	Not available
Temperature Melting Point	Not available
Boiling Point	Not available

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Product Name : **POPPIT SPA SANITISER**

Solubility in Water	Soluble
Specific Gravity	1.065 (20°C)
pH	5.6-5.8
Vapour Pressure	Not available
Vapour Density (Air=1)	Not available
Evaporation Rate	Not available
Odour Threshold	Not available
Viscosity	Not available
Partition Coefficient: n-octanol/water	Not available
Flash Point	Not applicable
Flammability	Non combustible. This product is an oxidizing liquid and may support the combustion of other materials.
Auto-Ignition Temperature	Not available
Flammable Limits - Lower	Not available
Flammable Limits - Upper	Not available

10. Stability and reactivity

Reactivity	Reacts with incompatibles.
Chemical Stability	Stable under normal conditions of storage and handling.
Conditions to Avoid	Excessive heat, direct light or contamination of any kind.
Incompatible Materials	Alkalis, reducing agents, metallic salts, flammable substances, impurities and organic solvents.
Hazardous Decomposition Products	Will release oxygen when heated, intensifying a fire.
Hazardous Polymerization	Will not occur.

11. Toxicological Information

Toxicology Information	No toxicity data is available for this material.
Ingestion	May be harmful if swallowed. Ingestion of this product may cause irritation to the mouth, throat, oesophagus and stomach with symptoms of nausea, abdominal discomfort, vomiting and diarrhoea.
Inhalation	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
Skin	May be irritating to skin. The symptoms may include redness, itching and swelling.
Eye	Causes eye damage. Eye contact will cause stinging, blurring, tearing, severe pain and possible burns, necrosis, permanent damage and blindness.
Respiratory sensitisation	Not expected to be a respiratory sensitiser.
Skin Sensitisation	Not expected to be a skin sensitiser.
Germ cell mutagenicity	Not considered to be a mutagenic hazard.
Carcinogenicity	Not considered to be a carcinogenic hazard. Hydrogen peroxide is listed as a Group 3: Not classifiable as to carcinogenicity to humans according to International Agency for Research on

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Product Name : **POPPIT SPA SANITISER**

Reproductive Toxicity	Cancer (IARC). Not considered to be toxic to reproduction.
STOT-single exposure	Not expected to cause toxicity to a specific target organ.
STOT-repeated exposure	Not expected to cause toxicity to a specific target organ.
Aspiration Hazard	Not expected to be an aspiration hazard.

12. Ecological information

Ecotoxicity	No ecological data available for this material.
Persistence and degradability	Readily biodegradable.
Mobility	Not available
Bioaccumulative Potential	Not available
Other Adverse Effects	Not available
Environmental Protection	Do not discharge this material into waterways, drains and sewers.

13. Disposal considerations

Disposal Considerations	The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.
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14. Transport information

Transport Information	<p>This material is classified as a Division 5.1 (Oxidising Agents) Dangerous Goods</p> <p>Division 5.1 Dangerous Goods are incompatible in a placard load with any of the following:</p> <ul style="list-style-type: none"> - Class 1, Explosives - Division 2.1, Flammable Gases - Division 2.3, Toxic Gases - Class 3, Flammable Liquids - Division 4.1, Flammable Solids - Division 4.2, Spontaneously Combustible Substances - Division 4.3, Dangerous When Wet Substances - Some Division 5.1 Oxidising substances (Refer Table 9.2) - Division 5.2, Organic Peroxides - Class 6, Toxic and Infectious Substances, if the Class 6 substance is a fire risk substance 1421[//]3293 - Class 7, Radioactive Substances - Class 8, Corrosive Substances - Class 9, Miscellaneous Dangerous Goods, if the Class 9 substance is a fire risk substance 1831[//]1812 - Fire risk substances - Combustible liquids
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Marine Transport (IMO/IMDG):
Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
UN No.: 2984
Proper Shipping Name: HYDROGEN PEROXIDE, AQUEOUS SOLUTION
Class: 5.1
Packing Group: III
EMS No.: F-H, S-Q
Special Provision(s): 65

Air Transport (ICAO/IATA):
Classified as Dangerous Goods by the criteria of the International Air

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Product Name : **POPPIT SPA SANITISER**

	Transport Association (IATA) Dangerous Goods Regulations for transport by air.
	UN No.: 2984
	Proper Shipping Name: HYDROGEN PEROXIDE, AQUEOUS SOLUTION
	Class: 5.1
	Packing Group: III
	Label: Oxidizer
	Packaging Instructions (passenger & cargo): 551
	Packaging Instructions (cargo only): 555
	Special Provision(s): A803
U.N. Number	2984
UN proper shipping name	HYDROGEN PEROXIDE, AQUEOUS SOLUTION
Transport hazard class(es)	5.1
Hazchem Code	2R
Packing Group	III
EPG Number	5A1
IERG Number	31
IMDG Marine pollutant	No

15. Regulatory information

Regulatory Information	Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia
Poisons Schedule	Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) S6
AICS (Australia)	All components of this product are listed on the Inventory or exempted.

16. Other Information

Date of preparation or last revision of SDS	MSDS Reviewed: June 2014 Supersedes: June 2010
Literature References	Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice Standard for the Uniform Scheduling of Medicines and Poisons. Australian Code for the Transport of Dangerous Goods by Road & Rail. Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals. Workplace exposure standards for airborne contaminants, Safe work Australia. American Conference of Industrial Hygienists (ACGIH) Globally Harmonised System of classification and labelling of chemicals.
Contact Person/Point	Victor Quijada ...End Of MSDS...

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