

Safety Data Sheet

Poppit Spa Sanitiser

Date 16.11.18

1. Identification

GHS PRODUCT IDENTIFIER

POPPIT SPA SANITISER

Product Code

910011 BULK

Company Name

Sigma Companies Group Pty Ltd

Address

228 Balcatta Road
Balcatta, WA, 6021, Australia

Telephone

08 9345 2233

Emergency Contact Number

131 126

Recommended Use of the Chemical and Restrictions on Use

Water Sanitation

Other Names

Name	Product Code
Poppit Spa Sanitiser	15 Lt 348707, 5x 3 Lt 348709, 15 Lt 348200

2. Hazard Identification

GHS Classification of the Substance/Mixture

Classified as a Hazardous according to the Globally Harmonized System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations Australia.

Classifieds as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Eye Damage/Irritation: Category 1

Signal Word(s)

DANGER

Hazard Statement(s)

H318 Causes serious eye damage

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

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 of Ingredients

Name	CAS	Proportion
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

Nonflammable, noncombustible 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 oxidizing nature may cause combustible materials to catch fire. May form explosive mixtures with organics.

Hazchem Code

2R

Decomposition Temperature

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 vapors. This product should be prevented from entering drains and watercourses.

6. Accidental Release Measures

Emergency Procedures

Evacuate all unprotected personnel. Do not allow contact with skin and eyes. Do not breathe mist/vapor. It is essential to wear self-contained breathing apparatus (SCBA) and full personal protective equipment and clothing to prevent exposure. Avoid exposure to spillage by collecting the material using vacuum and transfer into suitable labeled 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.

7. Handling and Storage

Precautions for Safe Handling

Avoid breathing in vapors, 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.

Conditions for Safe Storage, Including any Incompatibilities

Oxidizing liquid. 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 counter. 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 Ppm	STEL mg/m ³	NOTICES 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 vapors away from workers' breathing zone. If the engineering controls are not sufficient to maintain concentrations of vapors/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/NZ 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

Odor

Not available

Decomposition Temperature

Not available

Melting Point

Not available

Boiling Point

Not available

Solubility in Water

Not available

Specific Gravity

1.065 (20°C)

pH

5.6 – 5.8

Vapor Pressure

Not available

Vapor Density (Air = 1)

Not available

Evaporation Rate

Not available

Odor 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, esophagus, and stomach with symptoms of nausea, abdominal discomfort, vomiting and diarrhea.

Inhalation

Inhalation of product vapors may cause irritation of the nose, throat and respiratory system

Skin

May irritate 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 Sensitization

Not expected to be a respiratory sensitizer

Skin Sensitization

Not expected to be a skin sensitizer

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 Cancer (IARC).

Reproductive Toxicity

Not considered to be toxic to reproduction

STOT-Single Exposure

Not expected to cause toxicity to a specific organ

STOT-Repeated Exposure

Not expected to cause toxicity to a specific 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

Bio accumulative 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.

14. Transport Information

Transport Information

This material is classified as a Division 5.1 (Oxidizing Agents) Dangerous Goods

Division 5.1 Dangerous Goods are incompatible in a placard load with any of the following:

- 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 Oxidizing Substances (Refer to 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

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 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

Packing Group

III

Hazchem Code

2R

EPG Number

SA1

IERG Number

31

IMDG Marine Pollutant

No

15. Regulatory Information

Regulatory Information

Classified as Hazardous according to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Poisons Schedule

S6

Australia (AICS)

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: Nov 2018

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 and 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 Harmonized System of Classification and Labelling of Chemicals

END OF SDS