Safety Data Sheet

Oxitox

1: Identification of the material and supplier

Names

Product Name: Oxitox
Other Name:
Supplier: Chemform Pty Ltd (ABN: 50 008 905 119)
7 Kirke Street, Balcatta, WA 6021
Phone (08) 9344 2455 Fax: (08) 9344 4360 Email: admin@chemform.com.au
Emergency Telephone: Poisons Information Centre (Australia) 13 1126

Recommended Use: Sanitiser

2: Hazardous Identification

Statement of Hazardous Dangerous Nature: Classified as hazardous according to the criteria of Safe Work Australia and classified as dangerous goods according to Australian Dangerous Goods Code.

Hazard Classification:

O	Oxidizing
C	Corrosive

Risk Phrases:

R5	Heating may cause an explosion
R8	Contact with combustible material may cause fire.
R22	Harmful if swallowed.
R34	Causes burns.
R36//37/38	Irritating to eyes and skin and respiratory system.
R41	Risk of serious eye damage

Safety Phrases:

S1/2	Keep locked up and out of reach of children.
S3	Keep in a cool place
S7	Keep container tightly closed
S14	Keep away from heat and combustible materials
S23	Do not breathe vapour
S28	After contact with skin wash immediately with water.
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. (Show the label where possible).
S61	Avoid release to the environment. Refer to special instructions/Material Safety Data Sheets.

3: Composition/Information on Ingredients

INGREDIENT	CAS NUMBER	PROPORTION
Hydrogen Peroxide	7722-84-1	30-60%
Peracetic Acid	79-21-0	<10%
Acetic Acid	64-19-7	10<30%
Non hazardous ingredients		Up to 100%

4: First Aid Measures

Ingestion: If swallowed do NOT induce vomiting. Immediately give a glass of water. Urgent hospital treatment is likely to be needed. For advice, contact a Poisons Information Centre (131126) at once. Never give anything by mouth to an unconscious person.

Eye: If in eyes, hold eyelids apart and flush the eye continuously with running water for at least 15 minutes. Seek urgent medical attention.

Skin : If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

Inhaled: Remove victim to fresh air. Obtain medical attention immediately.

Advice to Doctor: Treat as for chemical burns.

First Aid Facilities: Eye wash station, running water

5: Fire Fighting Measures

General Comment: Non flammable. Heat will cause decomposition to oxygen gas

Specific Hazards: Decomposes on heating emitting and reacts with acids to produce chlorine gas.

Hazchem Code: 2W

6: Accidental Release Measures

Personal Precautions: Evacuate all personnel. Use suitable protective equipment.

Spills and Disposal: Eliminate all sources of ignition. Increase ventilation. Avoid walking through spilled product as it is corrosive and may be slippery. Do NOT let product reach drains or waterways.

7: Handling and Storage

Storage: Minimise direct contact with product. Use only clean, plastic containers when measuring, dispensing or using the product. Do NOT add water to the product. Always add product to water while stirring. Store in a cool and well ventilated area. Keep containers closed ensuring that the lid is a vented lid to prevent build up of pressure. Store away from alkali, caustic, acids, metals and organic peroxides.

Hygiene Measures: Wash hands after handling the product, before eating smoking and using the lavatory and at the end of work.

8: Exposure Controls – Personal Protection

National Exposure Standards For Hydrogen Peroxide TWA is 1.4 mg/m^3

Engineering Controls: Use in a well ventilated area.

Personal Protection:

Eyes: Safety goggles and full face shield.

Hands: Nitrile rubber or natural rubber gloves.

Skin: Nitrile rubber or natural rubber boots and apron.

9: Physical and Chemical Properties

Appearance:	Colourless liquid
Odour:	Sharp, irritating odour
pH (Undiluted):	Less than 3.0
Vapour Pressure:	approx 27 mm Hg (1 atmosphere)
Vapour Density:	Not available
Boiling Point:	Not available
Melting Point:	Not available
Solubility:	Totally soluble in water
Specific Gravity:	1.2 (water = 1)
Flash Point:	Not applicable

10: Stability and Reactivity

Chemical Stability:	The Product is stable under directed conditions of use, storage and temperature.
Conditions to Avoid:	Avoid excessive heat, direct sunlight, static discharges and high temperatures
Incompatible Materials:	Combustible materials, organic materials, alkalis, metals, reducing agents.
Hazardous Reaction:	Will react with alkali to produce oxygen gas.

11: Toxicological Information

Toxicology Information:

Ingestion (acute):	Corrosive if swallowed. Causes severe burns to mouth, throat and stomach. Rapid release of oxygen can cause distension and bleeding of the stomach.
Eye (acute):	Corrosive. May cause severe or irreversible eye damage.
Skin (acute):	Corrosive.
Inhalation (acute):	Inhalation of mists or sprays can lead to irritation of the mouth and throat and possible pulmonary oedema.
Chronic Effects (acute):	Long term exposure may lead to dermatitis.

12: Ecological Information

Environmental Protection Avoid contaminating drains, sewers or waterways.

Oxitox is detergent free, phosphate free, portion control uses recyclable waste reduced packaging and is VOC free

Refer to the Environmental Guide section of our website www.chemform.com.au for more information.

13: Disposal Considerations

Disposal Methods: Do NOT reuse plastic container. All product containers can be returned to Chemform for recycling. Disposal of this product should at all times comply with requirements of environmental protection and waste disposal legislation as well as requirements by local authorities.

14: Transport Information

UN Number:	3149
UN Proper Shipping Name:	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE with acid(s), and not more than 5% peroxyacetic acid, STABILIZED
Class	5.1
Subsidiary Risk:	8
Packing Group:	II
Special Precautions For Users	Ensure all containers are clearly labeled. Keep containers securely sealed, ensure all caps are vented and stored in a cool, well ventilated space.
Hazchem Code:	2W
IERG Number:	31

15: Regulatory Information

Packaging & Labeling: This product contains a Scheduled Poison (S6) and must therefore be stored, maintained and used in accordance with the relevant State Poisons Act. Defined as a "Dangerous Good" by the Australian Code for the Transport of Dangerous Goods by Road and Rail. Bulk.

16: Other Information

Prepared By: Brett Amos

Date of Previous Issue: March 2006

Change Made: Full review

References:
Australian Dangerous Goods Code
List of Designated Hazardous Substances
National Code of Practice for the Preparation of Material Safety Data Sheets
Standard for the Union Scheduling of Drugs and Poisons

Contact Person/Point:
Australia:
24 HOUR EMERGENCY CONTACT
Poisons Information Centre (Australia) 13 1126

LEGAL DISCLAIMER:
The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

END OF SAFETY DATA SHEET