

# SAFETY DATA SHEET

## Section 1: Product and Company Identification:



## STEAMASTER PEROXIDE BOOST

Oxygen Bleach and Sanitizing Agent

### Steamaser Australia Pty Ltd

6 Reservoir Avenue  
Greenacre  
NSW, 2190, Australia

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Fax: 02 9796 3395  
E-Mail: [sales@steamaster.com.au](mailto:sales@steamaster.com.au)

Emergency Telephone Number: 1300 855 677 (Monday – Friday 9:00am – 6:00pm)

Poisons Information Centre: 13 11 26

Date of SDS Preparation: 6 May 2014

## Section 2: Hazard Identification

<b>Product Name:</b>	<b>Steamaster Peroxide Boost</b>	
<b>Product Code:</b>	<b>AP478</b>	
<b>Risk Phrases:</b>	<b>C</b> <b>R20/22</b> <b>R41</b>	<b>Corrosive</b> Harmful by inhalation and if swallowed <b>R34</b> Causes burns Risk of serious eye damage.
<b>Safety Phrases:</b>	<b>S(1/2)</b> <b>S17</b> <b>S26</b> <b>S28</b> <b>S36/37/39</b> <b>S45</b>	Keep locked up and out of reach of children. Keep away from combustible material. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin wash with plenty of soap and water. Wear suitable protective clothing, gloves and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (Show this SDS).

## Section 3: Composition and Information on Ingredients

### INGREDIENTS

All hazardous substances as defined by the NOHSC code 1008 are listed by chemical name and CAS No. Other ingredients which are determined to be non-hazardous are listed by generic name or as "other ingredients determined not to be hazardous."

CHEMICAL NAME	CAS No.	PROPORTION
Steamaster Peroxide Boost		7722-84-1
		50%
Other ingredients determined not to be hazardous		50%

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## Section 4: First Aid

### Standard Statements

- A** For advice, contact a Poisons Information Centre (Tel 13 11 26) or a doctor at once.
- G1** Urgent hospital treatment is likely to be needed.
- G3** If swallowed do NOT induce vomiting.
- G4** Immediately give a glass of water.
- E2** If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre (Tel 13 11 26) or a doctor or for at least 15 minutes.
- S1** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

**First Aid Facilities:** Normal washroom facilities.

**Advice to doctor:** Treat symptomatically. Immediate dilution with water or milk beneficial. Do NOT give vinegar. Ulceration may be delayed so for eye contact and ingestion patient should be re-checked.

## Section 5: Fire Fighting Measures

**Flammability:** Non flammable

**Fire/Explosion Hazard:** Use dry chemical, foam or water fog. Do not use direct water jet. Wear full body protective clothing with self-contained breathing apparatus (SCBA) and protective gloves. Use all means available to prevent any spillage entering a watercourse.

**Hazardous Combustion Products:** Will produce oxygen.

## Section 6: Accidental Release Measures

**Spills and Disposals:** **Large Spills** - Absorb on sand, dirt, vermiculite or similar absorbent material (NOT saw dust). Place into labeled drums and dispose of according to local government regulations. Immediately notify emergency services (Police or Fire Brigade) if the spill is too large for you to safely and effectively handle.

**Small Spills** – Flush away with copious amounts of water.

**Personal Protective Equipment:** Refer to Section 8 of this SDS for PPE required.

## Section 7: Safe Handling Information

**Storage & Transport:** Store and transport according to the requirements of the Australian Dangerous Goods Code for Transport. Store in a cool place and out of direct sunlight. Store away from strong acids. Store away from possible contact with non-ferrous metals and combustible materials. Keep container sealed when not in use. Store locked up and out of reach of children. Only store in the original container as supplied by the manufacturer.

**Handling:** Always use recommended Personal Protective Equipment (see section 8 of this SDS). Do not mix with any other chemical unless expressly recommended by the manufacturer.

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### Section 8: Exposure Controls and Personal Protection

- Exposure Standards:** No exposure standards have been assigned to this product.
- Engineering Controls:** Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended. Do not aerosolize.
- Personal Protection Equipment:**  
 Gloves and apron – Use NBR or chemical resistant elbow length gloves and apron.  
 Respiratory Protection – Not normally required when used as directed. If used in confined spaces, select and use respirators in accordance with AS/NZS 1715/1716. The use of half-face P1 (dust/mist) respirator with replaceable filters is recommended.

### Section 9: Physical and Chemical Properties

- Appearance:** Clear colourless liquid with mild odour
- Boiling Point:** Not available
- Vapour Pressure:** Not available
- Specific Gravity:** Not available
- Flashpoint:** Not available
- Flammability Limits:** Not available
- Solubility in Water:** Soluble
- OTHER PROPERTIES**
- Corrosiveness:** Corrosive.
- pH:** 3.0

### Section 10: Stability and Reactivity

- Stability:** Stable under normal conditions of use.
- Hazardous Decomposition Products:** Oxygen
- Hazardous Polymerization:** Will not occur.
- Incompatibilities:** Reducing agents, metals except aluminium and combustible materials.
- Conditions to avoid:** Incompatibilities.

### Section 11: Toxicological Information

#### HEALTH EFFECTS

##### ACUTE

**Swallowed:** Will cause burns to the mouth, throat and stomach with effects including mucous build-up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhea. May cause death.

**Eye:** Will cause severe irritation and possible burns to the eyes with effects including: tearing, pain, corneal opacity and blurred vision. Risk of serious damage to eyes.

**Skin:** Will cause irritation to the skin, with effects including; redness, itching and drying/defatting and whitening of the skin.

**Inhaled:** Mists from the product will cause irritation to the nose, throat and respiratory system with effects including; coughing, discomfort, breathing difficulty and shortness of breath.

**CHRONIC** Prolonged or repeated skin contact may lead to dermatitis and possible necrosis (death) of the skin.  
 Prolonged eye contact may cause permanent eye damage.

**Toxicological Information:** There is no toxicological information for the product **AP478** Steamaster Peroxide Boost

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### Section 12: Ecological Information

**Ecological Information:** There is no ecological information for the product **AP478 Steamaster Peroxide Boost**

### Section 13: Disposal Considerations

**Disposal Methods:** Dispose of product and empty container as hazardous waste.  
Avoid tipping product directly into the sewer system.

### Section 14: Transport Information

**AP478 Steamaster Peroxide Boost** is classified as a Dangerous Good for transport or storage.

**UN Number:** 2014  
**Dangerous Goods Class:** 5.1  
**Subsidiary Risk:** 8  
**Packaging Group:** II  
**Proper Shipping Name:** **Steamaster Peroxide Boost, AQUEOUS SOLUTION with 50% Steamaster Peroxide Boost** (stabilized as necessary)  
**Hazchem Code:** 2P  
**Poisons Schedule No:** 6

### Section 15: Regulatory Information

**Poisons Scheduling:** 6  
**Warning Statement:** 2 Corrosive  
**Safety Directions:** 2 Attacks eyes – protect eyes when using  
4 Avoid contact with skin

### Section 16: Other Information

**Contact Point:** Poisons Information Centre Tel 13 11 26  
**Last SDS Revision:** 6 May 2014

**Sources:**

- National Code of Practice for the Preparation of Material Safety Data Sheet 2<sup>nd</sup> Edition [NOHSC: 2011(2003)]
- National Standard for the Storage and Handling of Workplace Dangerous Goods [NOHSC:1015(2001)]
- Hazardous Substances Information System Data Base 26 July 2011
- Australian Dangerous Goods Code 6<sup>th</sup> Edition
- Standard for the Uniform Scheduling of Medicines and Poisons No.2 August 2011

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<b>Abbreviations:</b>	ppm	-	parts per million
	TLV	-	Threshold Limit Value
	mmHG	-	millimetres of Mercury (Hg) – this is a unit of pressure
	CAS No	-	Chemical Abstracts Service Registry Number
	TWA	-	Time Weighted Average
	STEL	-	Short Term Exposure Limit
	PEL	-	Permissible Exposure Limit.
	< & >	-	< Less Than > Greater Than
	UN	-	United Nations
	AICS	-	Australian Inventory of Chemical Substances
	LC50	-	<b>Lethal Concentration.</b> LC50 is the concentration of a material in air which causes death of 50% (one half ) of a group of test animals.
	LD50	-	<b>Lethal Dose”.</b> LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.

**Note:** This Safety Data Sheet has been compiled in accordance with the National Code of Practice for the Preparation of Material Safety Data Sheets 2<sup>nd</sup> Edition [NOHSC:2011(2003)]

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**End of SDS**