

BOILER CARE 1104P

1 . Identification of the material and supplier

Names

Product name : BOILER CARE 1104P
ADG : Not regulated.
Supplier : ECOLAB PTY LTD (A.B.N. 59 000 449 990)
 6 Hudson Ave, Castle Hill NSW 2154
 Customer Service phone: 1 800 022 002
 Free Fax Number: 1 800 655 679
Emergency telephone number : 1 800 124 170

Uses

Material uses : Water-boiler treatment.
Date of issue : **29-August-2005**

2 . Hazards identification

Statement of hazardous/dangerous nature : Classified as hazardous according to the criteria of NOHSC and not classified as dangerous goods according to the ADG Code.
Risk Phrases : R41 - Risk of serious damage to eyes.
Safety Phrases : S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S39- Wear eye/face protection.
 S46- If swallowed, seek medical advice immediately and show this container or label.

3 . Composition/information on ingredients

Ingredient name	CAS number	Concentration
Sodium hydrogensulphate	7681-38-1	>60

4 . First aid measures

First aid measures

Eye contact : In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Obtain medical attention.
Skin Contact : Flush contaminated skin with a copious amount of water. Obtain medical attention if symptoms occur.
Inhalation : Remove to fresh air. Obtain medical attention if symptoms occur.
Ingestion : Do not induce vomiting. Rinse mouth; then drink one or two large glasses of water. Contact a doctor or a Poisons Information Centre (Phone: 13 11 26).
Notes to physician : No specific treatment. Treat symptomatically.

5 . Fire-fighting measures

Extinguishing media : Use an extinguishing agent suitable for surrounding fires.
Fire/explosion hazards : No specific hazard.
Special protective equipment for fire-fighters : Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Hazardous Decomposition Products : sulphur oxides (SQ, SO₃, etc.)

6 . Accidental release measures

- Personal Precautions** : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (Section 8).
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Methods for cleaning up** : If emergency personnel are unavailable vacuum or carefully scoop up spilled materials and place in an appropriate container for disposal. Avoid creating dusty conditions and prevent wind dispersal.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7 . Handling and storage

- Handling** : Do not add water directly to product. Slowly stir product into water. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
- Storage** : Store in a well-ventilated dry place. Protect from moisture.
Keep away from incompatibles such as alkalis, metals.

8 . Exposure controls/personal protection

- Occupational exposure limits** : **No exposure standard allocated.**
- Engineering measures** : None required; however, use of adequate ventilation is good industrial practice.
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection

- Eyes** : Safety glasses with side shields.
- Hands** : Recommended: PVC gloves.
- Respiratory** : A respirator is not needed under normal and intended conditions of product use.
- Skin** : No special protective clothing is required.

9 . Physical and chemical properties

- Physical state** : Solid. (Powder.)
- Colour** : White.
- Odour** : Odourless.
- Boiling point** : >100 °C
- Melting point** : Not available.
- Vapour pressure** : Not available.
- Relative density** : 1.08 g/cm³ (20 °C)
- Flash point** : Product does not support combustion.
- Vapour density** : Not available.
- pH** : 1.2 (1%)
- Solubility** : Soluble in hot water.
Partially soluble in cold water.

10 . Stability and reactivity

- Stability** : The product is stable under normal ambient conditions of temperature and pressure.
- Conditions to Avoid** : None identified.
- Materials to avoid** : Alkalies, metals
- Hazardous Decomposition Products** : sulphur oxides (SO₂, SO₃, etc.)
- Hazardous Reactions** : No hazardous reactions expected.

11 . Toxicological information

Potential acute health effects

- Inhalation** : Slightly irritating to the respiratory system.
Ingestion : Exposure can cause nausea, headache and vomiting.
Skin Contact : Moderately irritating to the skin.
Eye contact : Severely irritating to eyes.

Potential chronic health effects

- Carcinogenicity** : No known significant effects or critical hazards.
Mutagenicity : No known significant effects or critical hazards.
Reproductive toxicity : No known significant effects or critical hazards.

12 . Ecological information

- Ecotoxicity data** : Not available.
Persistence/degradability : Not available.
Mobility : Not available.
Other adverse effects : No known significant effects or critical hazards.

13 . Disposal considerations

- Methods of disposal** : Do not reuse product container. The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

14 . Transport information

Regulation	UN number	Proper shipping name	Class	Packing group	Additional Information
ADG	-	Not regulated.	-	-	-
IMDG	-	Not regulated.	-	-	-

15 . Regulatory information

- Australian Inventory Status** : All substances are listed on AICS or exempt.
AU Classification : Xi - Irritant
R41- Risk of serious damage to eyes.

Standard for the Uniform Scheduling of Drugs and Poisons

Not scheduled

Control of Scheduled Carcinogenic Substances

Ingredient name

No listed substance

Schedule

16 . Other information

- Prepared by** : Regulatory Affairs
Date of previous issue : 06-June-2005
Change Made : New format.

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References

- : -ADG Code - Australian Transport of Dangerous Goods
- Adopted National Exposure Standard for Atmospheric Contaminants in the Occupational Environment
- Approved Criteria for Classifying Hazardous Substances
- List of Designated Hazardous Substances
- National Code of Practice for the Labelling of Workplace Substances
- National Code of Practice for the Preparation of Material Safety Data Sheets
- National Model Regulations for the Control of Scheduled Carcinogenic Substances
- National Model Regulations for the Control of Workplace Hazardous Substances
- Standard for the Uniform Scheduling of Drugs and Poisons

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.