



Seaguard Fire Protection (A division of Hucon Australia Pty. Ltd.)

9 Waldheim Road

Bayswater. Vic. 3153.

PH:- 03 9720 8779/FAX:- 03 9738 0132

# Material Safety Data Sheet

Issue Date:-22 July 2012

PRODUCT NAME: **Seaguard Wet Chemical**

Not classified as hazardous according to criteria of NOHSC

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

**Product Name** Wet Chemical  
**Product Use** Potassium Citrate solution  
**Company Name** Seaguard Fire Protection (A division of Hucon Australia Pty. Ltd.)  
**Address** 9 Waldheim Road Bayswater.  
VIC Australia 3153  
**Emergency Tel.** 03 9720 8779  
**Telephone Number/fax** Tel 03 9720 8779 Fax: (03) 9738 0132

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Information on Composition** Product based on Potassium Citrate.

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	Potassium Citrate	6100-05-6	30-60%
	Water	N/A	Rem.

## 3. HAZARDS IDENTIFICATION

Not classified as hazardous according to the criteria of NOHSC and not classified as a dangerous good according to the ADG code.

**Risk phrases:**

Nil

**Safety phrases:**

S2 Keep out of reach of children.

**Hazard Category** Nil

**Symptoms & Effects** N/A.

**Other Hazard Information:** Nil

## 4. FIRST AID MEASURES

**Inhalation** Remove victim to fresh air. Investigate possible misuse of material. Seek medical attention.

**Ingestion** Rinse mouth thoroughly with water immediately. Give water to drink. DO NOT induce Vomiting. Seek medical Advice. Never give anything by mouth to an unconscious person

**Eye** Remove contact lenses. Immediately irrigate with copious amounts of water for at least 15 minutes. Eyelids to be held open. Seek medical advice.

**Skin** Wash affected areas with water.

**First Aid Facilities** Normal washroom facilities.

**Advice to Doctor** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Extinguishing Media** Use extinguishing media suitable for surrounding fire situation.

**Specific Hazards** Nil.

**Precautions in connection with Fire** Firefighters should wear Self-Contained Breathing Apparatus and full protective clothing to minimise exposure. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. If safe to do so, remove undamaged containers from fire area.

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## 6. ACCIDENTAL RELEASE MEASURES

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**Spills & Disposal** Contain and collect using absorbent material. Small spills may be flushed to sewer. Dispose of to landfill.

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## 7. HANDLING AND STORAGE

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**Handling** Repeated or prolonged exposure to the concentrate without personal protection should be avoided in order to lessen the possibility of disorders. It is essential that all who come into contact with this material maintain good standards of personal hygiene ie. washing hands prior to eating, drinking or going to the toilet. Keep container closed and bung in place.

**Storage** Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

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## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

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**Exposure Limits** No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC). However as with all chemicals, exposure to concentrate should be kept to the least possible levels.

**Respiratory Protection** Not necessary for the diluted product or when handling concentrate.

**Eye Protection** Safety glasses.

**Hand Protection** Plastic or rubber gloves recommended. Incidental skin contact is not harmful..

**Body Protection** N/A.

**Eng. Controls** N/A.

**Other information** No Biological Limit Value allocated.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Appearance** Clear water white low viscosity liquid

**Odour** Neutral

**Boiling Point** 100<sup>0</sup>C

**Solubility in Water** completely soluble

**Specific Gravity** 1.29 @ 20<sup>0</sup>C

(H<sub>2</sub>O = 1)

**Physical State** Liquid.

**pH** 7.3 (neat). 7.2 (1% soln)

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## 9. PHYSICAL AND CHEMICAL PROPERTIES Cont....

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**Flash Point** Non flammable

**Flammability** Non flammable

**Flammable Limits LEL** Non flammable

**Flammable Limits UEL** Non flammable

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## 10. STABILITY AND REACTIVITY

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**Stability** Stable under normal conditions of storage and handling.

**Hazardous Polymerization** Will not occur.

**Materials to Avoid** Strong oxidizing agents..

**Hazardous Decomposition** None known.

**Products**

**Hazardous Reaction** Not a fire hazard.

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## 11. TOXICOLOGICAL INFORMATION

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**Toxicology Information** Not available

**Inhalation** Ingredients are considered non hazardous when used as directed

**Ingestion** Not a likely source of exposure, however, concentrate may cause irritation to mouth throat and gastro-intestinal tract. Potential symptoms include nausea, diarrhoea, abdominal pain and vomiting.

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<b>Skin</b>	May cause skin irritation, which can result in redness, itchiness, swelling and possibly lead to dermatitis. Continual exposure to dilute solutions will cause loss of natural skin oils, and drying of skin.
<b>Eye</b>	May cause eye soreness.
<b>Chronic Effects</b>	No known adverse effects.

## 12. ECOLOGICAL INFORMATION

<b>Environ. Protection</b>	Not harmful to aquatic life. Not harmful to birdlife. .
<b>Mobility</b>	No data is available for this product.
<b>Persistence /</b>	No data is available for this product.
<b>Degradability</b>	Fully biodegradable
<b>Bioaccumulation</b>	No data is available for this product.
<b>Ecotoxicity</b>	No data is available for this product.

## 13. DISPOSAL CONSIDERATIONS

Dispose of waste according to federal, E.P.A., state and local regulations.  
Assure conformity with all applicable regulations.

## 14. TRANSPORT INFORMATION

<b>U.N. Number</b>	None allocated
<b>Proper Shipping Name</b>	None allocated
<b>DG Class</b>	None allocated
<b>Hazchem Code</b>	None allocated
<b>Packing Group</b>	None allocated
<b>EPG Number</b>	None allocated
<b>IERG Number</b>	None allocated

## 15. REGULATORY INFORMATION

<b>Safety Phrase</b>	S25 Avoid contact with eyes
<b>Poisons Schedule</b>	Nil
<b>AICS (Australia)</b>	All ingredients are listed in the Australian Inventory of Chemical Substances (AICS).

## 16. OTHER INFORMATION

*This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this MSDS in the context of how the product will be handled in the workplace and in conjunction with other materials. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.*

<b>Contact Person/Point</b>	Manager – Seaguard Fire Protection (A division of Hucon Australia Pty. Ltd.) Tel 03 9720 8779 Fax: (03) 9738 0132
<b>SDS History</b>	MSDS Creation: 22 July 2012.. ... End of MSDS...