SEAGUARD CHEMICALS.
9 Waldheim Road
Bayswater. Vic. 3153.
TEL : 03 9720 8779 / FAX : 03 9738 0132

Material Safety Data Sheet

Issue Date:- 22 July 2012

PRODUCT NAME: **Seaguard Inhibitor.**

Classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name	Seaguard Inhibitor
Product Use	Powdered corrosion inhibitor for fire extinguisher interiors.
Company Name	SEAGUARD CHEMICALS
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 water soluble salts

Ingredients

Name	CAS	Proportion
Sodium tetraborate decahydrate	1303-96-4	15-30%
Sodium Nitrite	7632-00-0	15-30%
Sodium Nitrate	7631-99-4	15-30%

3. HAZARDS IDENTIFICATION

Classified as hazardous according to the criteria of NOHSC and classified as a dangerous good according to the ADG code.
Risk phrases:
R8 Contact with combustible material may cause fire
R25 Toxic if swallowed
R36/38 Irritating to eyes
R50 Very toxic to aquatic organisms.
Safety phrases:
S2 Keep out of reach of children.
S25 Avoid contact with eyes.
S61 Avoid release to the environment. Refer to special instructions / safety data sheets

Hazard Category S5
Symptoms & Effects Skin, eye and respiratory irritant. Transient for incidental contact.
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 attention. 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 immediate medical assistance.
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	Contact with combustible materials may lead to fire.

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.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal	Contain and collect by sweeping up. Small spills may be flushed to sewer. Dispose of to approved landfill.

7. HANDLING AND STORAGE

Handling	Repeated or prolonged exposure to the powder 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	Store in designated area for oxidizing agents. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

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 .
Eye Protection	Safety glasses.
Hand Protection	Plastic or rubber gloves recommended.
Body Protection	N/A.
Eng. Controls	N/A.
Other information	No Biological Limit Value allocated.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White crystalline powder
Odour	Nil
Boiling Point	N/A
Solubility in Water	completely soluble
Specific Gravity (H_2O = 1)	N/A
Physical State	Powder
pH	10.5, - 1% w/v solution.

9. PHYSICAL AND CHEMICAL PROPERTIES Cont….

Flash Point	Non flammable
Flammability	Non flammable
Flammable Limits LEL	Non flammable
Flammable Limits UEL	Non flammable

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions of storage and handling.
Hazardous Polymerization	Will not occur.
Materials to Avoid	Strong oxidizing agents, strong acids, Flammable or combustible materials.

Hazardous Decomposition Products	None known.
Hazardous Reaction	Contact with combustible materials may lead to fire.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	May act as a carcinogen for chronic exposure.
Inhalation	Ingredients are considered non hazardous when used as directed
Ingestion	Not a likely source of exposure, however, moderate quantities of concentrate may cause irritation. Potential symptoms include nausea, diarrhoea, abdominal pain and vomiting.
Skin	May cause skin irritation prolonged contact with the concentrate, 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 .
Eye	The concentrate is considered a severe eye irritant. May cause eye soreness.
Chronic Effects	Possible carcinogenic effects.

12. ECOLOGICAL INFORMATION

Environ. Protection	Harmful to aquatic life in diluted form. Not harmful to birdlife. .
Mobility	No data is available for this product.
Persistence / Degradability	Boron compounds can accumulate and become persistant in soil. Fully biodegradable
Bioaccumulation	No data is available for this product.
Ecotoxicity	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

U.N. Number	1479
Proper Shipping Name	Oxidizing solids N.O.S.
DG Class	5.1
Hazchem Code	2X
Packing Group	III
EPG Number	None allocated
IERG Number	None allocated

15. REGULATORY INFORMATION

Safety Phrase S2 Keep out of reach of children.
S25 Avoid contact with eyes.
S61 Avoid release to the environment. Refer to special instructions / safety data sheets

Poisons Schedule	S5
AICS (Australia)	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.

Contact Person/Point	Manager – Seaguard Chemicals. Tel 03 9720 8779 Fax: (03) 9738 0132
SDS History	MSDS Creation: 22 July 2012..
	… End of MSDS…