



Seaguard Chemicals and Firefighting Pty. Ltd.
7-9 Waldheim Road
Bayswater VIC 3153

Safety Data Sheet

Issue Date: 06 November 2016

PRODUCT NAME: **Seaguard AFFF 6%**

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS).

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

1.1 Product Name Seaguard AFFF 6%
1.2 Product Use Water based foam concentrate
1.3 Company Name Seaguard Chemicals and Firefighting Pty. Ltd.
1.4 Address 9 Waldheim Road Bayswater.
VIC Australia 3153
1.5 Emergency Tel. 03 9720 8779
1.6 Telephone Number/fax Tel 03 9720 8779 Fax: (03) 8640 0793

2. HAZARDS IDENTIFICATION

2.1 GHS Classification

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS).

Mildly irritating to eyes (Category 2B)
Acute aquatic toxicity (Category 3)
Acute toxicity, Oral (Category 5)
Acute Toxicity Dermal (Category 5)

2.2 GHS Label elements, including precautionary statements

Pictogram none
Signal word Warning

Hazard statement(s)

H303 Maybe harmful if swallowed.
H320 Causes eye irritation.
H402 Harmful to aquatic life
H313 May be harmful In contact with skin

Precautionary statement(s)

Prevention

P264 Wash skin thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P330 Rinse mouth.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

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P391 Collect spillage.

2.3 Other hazards

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Information on Fire fighting foam based on water soluble detergents

Composition

Ingredients

<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
Cocamidopropyl Betaine	61789-40-0	0-5%
Fluorocarbon surfactant	Proprietary	5-10%
Fatty acids, coco, compounds with diethanolamine	61790-63-4	5-10%
Sodium Laureth-5 Sulfate	9004-82-4	5-10%
Dipropylene glycol, monomethyl	34590-94-8	10-15%
Water	7732-18-5	70-85%

4. FIRST AID MEASURES

4.1 Description of first aid measures

If inhaled:

Remove promptly to fresh air. If respiratory irritation, dizziness, nausea unconsciousness occurs, seek immediate medical attention. Treat unconsciousness by placing the person in the coma position. Apply artificial respiration if breathing stops

In case of skin contact:

Wash off with soap and plenty of water. Seek medical attention if irritation persists.

In case of eye contact:

Flush eye with water for a minimum of 15 minutes, keep moving the eyes to ensure complete flushing. Seek Medical attention promptly if irritation persists or loss of vision occurs.

If swallowed:

Never give anything by mouth to an unconscious person. Rinse mouth with water and if conscious, dilute stomach contents by giving large amounts of Water. Seek medical attention. Do not attempt to induce vomiting or give anything by mouth to an unconscious person. Resuscitate if the subject has stopped breathing.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Use water fog (or if unavailable, fine water spray), dry chemical, carbon dioxide or foam.

5.2 Special hazards arising from the substance or mixture

Burning can produce carbon monoxide and/or carbon dioxide.

5.3 Advice for firefighters

Use water to cool exposed containers. If safe to do so, remove containers from path of fire. For major fires or where atmosphere is Oxygen deficient or contains unacceptable levels of combustion

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products, firefighters must wear self-contained breathing apparatus with full-face mask and protective clothing. Prevent spillage from entering drains or water courses

5.4 Further information

no data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid breathing vapours, mist or gas. For personal protection see section 8.

6.2 Environmental precautions:

Do not let product enter drains.

6.3 Methods materials for containment and cleaning up:

Contain and recover product when possible. Collect product in an appropriate container and place in a chemical waste container. Collected empty containers can be disposed of through local council waste removal services.

6.4 Reference to other sections:

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

Protect against physical damage. Make certain the containers are well sealed when not in use.

7.2 Conditions for safe storage, including incompatibilities:

Store in a cool, dry well ventilated location. Keep containers closed at all times. Not to be stored with explosives, flammable gases in bulk, poisonous gasses, spontaneously combustible substances, oxidizing agents, organic peroxides or radioactive substances.

7.3 Specific end uses:

Apart from the uses mentioned in section 1.3 no other specific.

7.4 Reference to other sections:

Not Applicable.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

8.1 Control parameters:

National Exposure Standards

Standard Name	Cas No	TWA (ppm)	TWA (mg/m3)
Dipropylene glycol, monomethyl	34590-94-8	50	308

Sk Absorption through the skin may be a significant source of exposure

No Exposure Standards have been assigned by the National Occupational Health and Safety Commission for other components of this product at the use levels.

8.2 Exposure controls:

Appropriate engineering controls. General industrial hygiene practice.

Respiratory protection:

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Respiratory protection is not required for the diluted product or when handling concentrate. If necessary use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Skin Protection:

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Protective gloves

Body Protection:

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Eye/face protection:

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Other protective equipment: None

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance	Clear water white to light yellow medium viscosity liquid
Odour	slight glycol
Boiling Point	100°C
Solubility in Water	completely soluble
Specific Gravity (H₂O = 1)	1.026@ 20 °C
Physical State	Liquid.
pH	7.5 @ 20 °C
Flash Point	Non flammable
Flammability	Non flammable
Flammable Limits LEL	Non flammable
Flammable Limits UEL	Non flammable

10. STABILITY AND REACTIVITY

10.1 Reactivity:

no data available

10.2 Chemical stability:

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions:

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

Strong oxidizing agents

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10.6 Hazardous decomposition products

no data available. In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

no data available.

Not a likely source of exposure, however, moderate quantities of concentrate may cause irritation.

Potential symptoms include nausea, diarrhoea, abdominal pain and vomiting

Inhalation:

no data available no data available.

Ingredients are considered non-hazardous when used as directed

Skin corrosion/irritation

no data available.

May cause skin irritation if prolonged contact with the concentrate occurs, 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

Serious eye damage/eye irritation

no data available.

The concentrate is considered an eye irritant. May cause eye soreness.

Respiratory or skin sensitisation

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Additional Information

RTECS: Not available. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No Data Available.

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Harmful to aquatic life when diluted and in concentrate form. Not harmful to birdlife.

12.2 Persistence and degradability

No Data Available

12.3 Bio accumulative potential

No Data Available

12.4 Mobility in soil

No Data Available

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

12.6 Other adverse effect

No Data Available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Collect residue for recovery, recycling or as a waste material. Product must not be disposed of to the sewerage system, drains or waterways.

Contaminated packaging

Dispose of container and unused contents in accordance with federal, state and local requirements. Empty container and lid can be recycled as per local council waste recycling regulations.

14. TRANSPORT INFORMATION

14.1 UN number:	Not Applicable
14.2 UN proper shipping name	Not dangerous goods
14.3 Transport hazard class(es):	Not Applicable
14.4 Packaging group:	Not Applicable
14.5 Environmental hazards:	Not Applicable
14.6 Special precautions for user:	No data available

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Standard for the Uniform Scheduling of Medicines and Poisons

No data available

Carcinogen classification under WHS Regulation 2011, Schedule 10

Not listed

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Notification status

AICS: On the inventory, or in compliance with the inventory
DSL: All components of this product are on the Canadian DSL.
ENCs: On the inventory, or in compliance with the inventory
NZIoC: On the inventory, or in compliance with the inventory

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

H303 Maybe harmful if swallowed.

H320 Causes eye irritation.

H402 Harmful to aquatic life

H313 May be harmful In contact with skin

This SDS 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 SDS 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 and Firefighting Pty. Ltd.
Tel 03 9720 8779 Fax: (03) 8640 0793

SDS History SDS Creation: November 06, 2016.
... End of SDS...