

Material Safety Data Sheet: FlameSAFE Wet Chemical

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:

FlameSAFE Wet Chemical

Product Use:

The intended or recommended use is as a fire extinguishing agent.

Manufacturer/Supplier:

AMPAC Safety Pty Ltd

7 Ledger Road, Balcatta, WA 6021

Ph: +619 9200 2100

Emergency Ph: +61408022433

2. HAZARDS IDENTIFICATION

Not classified as hazardous according to the criteria of NOHSC and not classified as 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

3. COMPOSITION / INFORMATION ON INGREDIENTS

Composition Ingredients	Name	CAS	Proportion
	Potassium Citrate	6100-05-6	30%-60%
	Water	N/A	Rem

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 Contact:

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



FlameSAFE Wet Chemical Fire Extinguisher

Skin Contact:

Wash affected areas with water.

First Aid Facilities:

Normal washroom facilities.

Advice to Doctor:

Treat Symptomatically.

5. FIRE-FIGHTING MEASURES

Extinguishing Media:

This preparation is an extinguishing media. Use media appropriate for surrounding materials.

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.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal:

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

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 i.e. 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.

NOTE: The handling and storage information above applies to FlameSAFE Wet Chemical stored in bulk containers and not when contained in a stored-pressure fire extinguisher. When stored in a stored-pressure fire extinguisher ensure good housekeeping practices and avoid dropping or severe impacts.

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 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: Not Applicable

Eng. Controls: Not Applicable

Other information:

No Biological Limit Value allocated.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear water white low viscosity liquid

Odour: Neutral

Boiling Point: 100°C

Solubility in Water: Completely Soluble

Specific Gravity: 1.32 @ 25°C

(H₂O = 1)

Physical State : Liquid

pH: 9

Flash Point: Non Flammable

Flammability: Non Flammable

Flammability Limits LEL: Non Flammable

Flammability 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.

Hazardous Decomposition:

None known.

Products Hazardous Reaction:

Not a fire hazard.

11. TOXICOLOGICAL INFORMATION

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.

Skin:

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.

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Eye:

May cause eye soreness.

Chronic Effects:

No known adverse effects.

12. ECOLOGICAL INFORMATION**Environ, Protection:**

Not harmful to aquatic life. Not harmful to birdlife.

Mobility:

No data is available for this product.

Persistence / Degradability:

No data is available for this product.

Degradability:

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 regulation.

Assure conformity with all applicable regulations.

14. TRANSPORT INFORMATION

UN Number:	Not Applicable
UN Proper Shipping Name:	Not Applicable
Class and subsidiary risk:	Not Applicable
Packing group:	Not Applicable

Special Precautions for user: None

Hazchem Code: Not Applicable

NOTE: The transportation information above applies to FlameSAFE Wet Chemical as shipped in bulk containers and not when contained in a stored-pressure fire extinguisher. When shipped in a stored-pressure fire extinguisher the fire extinguisher is considered Class 2.2 (Non-Flammable, Non-Toxic Gas) Dangerous Goods. The Proper Shipping Name shall be FIRE EXTINGUISHERS and the UN designation UN1044.

15. REGULATORY INFORMATION**Safety Phrase:**

- S25 Avoid contact with eyes

Poisons Schedule: Nil

AICS (Australia):

All ingredients are listed in the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION**DISCLAIMER OF LIABILITY:**

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End MSDS

