

## SAFETY DATA SHEET

### FirstRESPONSE WET CHEMICAL FIRE EXTINGUISHER

#### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

##### Product Name

Wet Chemical

##### Product Use

The intended or recommended use of this preparation is as a Fire Extinguishing agent.

##### Manufacturer / Supplier

Fire & Safety WA

96 Furniss Road, Landsdale, WA, 6065

PH +618 9302 3210

Emergency Ph +61 428 832 236

#### 2. HAZARDS IDENTIFICATIONS

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 N/A

**Other Hazard Information** Nil

#### 3. CONFIRMATION / INFORMATION ON 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. Treat unconsciousness by placing the person in the coma position. Seek medical attention.

##### Ingestion

Rinse mouth thoroughly with water immediately. Give water to drink. DO NOT induce Vomiting. Seek medical Advice.

##### 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.

##### Skin Contact

Wash affected areas with soap and 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

Burning can produce carbon monoxide and/or carbon dioxide.

##### Precautions in Connection with Fire

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

#### 6. ACCIDENTAL RELEASE MEASURES

##### Spills & Disposal

Do not let product enter drains.

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.

## 7. HANDLING AND STORAGE

### Handling

Repeated or prolonged exposure to the concentrate without personal protection should be avoided 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 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 AND 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** 100C

**Solubility in Water** Completely Soluble

**Physical State** Liquid

**pH** 7.3

**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 Polymerisation

Will not occur.

### Materials to Avoid

Strong oxidising agents.

### Hazardous Decomposition

None known.

### Products Hazardous Reaction

Not a fire hazard.

## 11. ECOLOGICAL 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.

### Eye

May cause eye soreness.

### Chronic Effects

No known adverse effects.

### Environmental 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.

## 12. DISPOSAL CONSIDERATIONS

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

## 13. TRANSPORT INFORMATION

<b>UN Number</b>	1044
<b>ADG Class</b>	2.2
<b>Packing Group</b>	Not applicable
<b>Proper Shipping Name</b>	FIRE EXTINGUISHERS with compressed or liquified gas

### HAZCHEM

Emergency Action Code 2TE

Avoid Transport on vehicles where the load space is not separated from the driver's compartment. Ensure vehicle driver is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency.

## 14. 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).

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**END SDS**