

# Wet Chemical Fire Extinguisher

## Safety Data Sheet



### 1. Identification of the Material and Supplier

**Product Identifier:**

Wet Chemical Fire Extinguisher

**Recommended use of the chemical and restrictions on use:**

Fire extinguishing agent.

**Manufacturer/Supplier:**

Antec Group Pty Ltd

9 Chicago Avenue, NSW 2148

**Ph:** +61 2 9622 9622

**Emergency Ph:** 13 11 26

### 2. Hazards Identification

**Classification of the hazardous chemical  
Classification according to the WHS**

**Regulations Australia and the ADG Code:**

Classified as Dangerous – Gases under Pressure – Compressed



**Hazard Pictograms:**

**Pictogram Code:**

GHS04 Gas Cylinder

**Signal Word:**

WARNING

**Hazard Statements:**

H280 Contains gas under pressure; may explode in heated

**Storage:**

P410 + P403

Protect from sunlight. Store in a well-ventilated place.

### 3. Composition/Information on Ingredients

**Chemical identity of ingredients:**

Potassium Citrate

**Proportion of ingredients:**

30-60%

**CAS No.:**

6100-05-6

**Chemical identity of ingredients:**

Water H<sub>2</sub>O

**Proportion of ingredients:**

To 100%

**CAS No.:**

7732-18-5

**Chemical identity of ingredients:**

Nitrogen UN1066

**Proportion of ingredients:**

Unknown (gas varies)

**CAS No.:**

7727-37-9



## 4. First Aid Measures

### **Eye contact (symptoms, special & medical treatment):**

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

### **Skin contact (symptoms, special & medical treatment):**

Wash affected areas with water.

### **Inhalation (symptoms, special & medical treatment):**

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

### **Ingestion (symptoms, special & medical treatment):**

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.

## 5. Fire Fighting Measures

### **Suitable extinguishing equipment:**

This preparation is an extinguishing media. Use extinguishing media suitable for surrounding area.

### **Specific hazards arising from the chemical:**

Not Applicable.

### **Special protective equipment and precautions for fire fighters:**

Wear breathing apparatus and protective gloves.

Prevent, by any means available, spillage from entering drains or water courses.

### **Hazchem Code:**

Not Applicable.

## 6. Accidental Release Measures

### **Personal precautions, protective equipment and emergency procedures:**

Prevent skin and eye contact, as well as inhalation and ingestion. Wear appropriate PPE and clothing to minimise the risk of exposure.

### **Environmental precautions:**

If contamination occurs in sewers or waterways, inform the local water authority in accordance with regulations of that jurisdiction.

### **Methods and materials for containment and cleaning up:**

Contain and recover the product when possible. Collect product in an appropriate container and place in a chemical waste container. Dispose of in compliance with national, regional and local provisions that may be in force.



## 7. Handling and Storage

### Precautions for Safe Handling:

- Limit all unnecessary personal contact
- Avoid contact with skin and eyes.
- Wear appropriate PPE.
- Always wash hands with soap and water after handling
- Observe good industrial hygiene practices

### Other Information:

- Use good occupational work practice
- Observe manufacturer's storage and handling recommendations contained within this MSDS
- Store away from sources of heat or ignition / naked lights
- Store in a cool, dry, well-ventilated area
- Store in original container or fire extinguisher
- Keep containers securely sealed when not in use

### Precautions for Safe Storage:

- Observe manufacturer's storage and handling recommendations contained within this MSDS
- Store away from sources of heat or ignition /naked lights
- Store in a cool, dry, well-ventilated area
- Store in original container or fire extinguisher
- Keep containers securely sealed when not in use
- Store at -4°C - 49°C.
- As with all aqueous solutions, do not put in contact with any materials which react violently with water.

## 8. Exposure

### Occupational Exposure Limits:

No Classification

### Engineering Controls:

Ensure adequate ventilation, especially in confined areas. Observe occupational exposure limits and minimise the risk of exposure.

### Personal Protective Equipment:

Eye Protection: Safety Goggles w/side shields

Skin Protection: Chemical Resistance Gloves

Respiratory & Ingestion Protection: If vapours reach irritating levels, wear a NIOSH-approved respirator equipped with organic vapour cartridges.

## 9. Physical and Chemical Properties

### Appearance (colour, physical form, shape):

Clear, liquid

**Odour:** None

**Odour threshold:** Not Applicable

**pH:** 7.2 (1% soln)

**Vapour pressure:** Not Applicable

**Vapour density:** Not Applicable

**Boiling point/range:** 100°C

**Freezing/melting point (specify which):**

Not Applicable

**Evaporation rate:** Data not available

**Flammability:** Not Applicable

**Upper/Lower Flammability or Explosive**

**limits:** Not Applicable

**Solubility:** Completely soluble

**Relative density:** 1.29

**Partition coefficient (n-octanol/water):** Not Applicable

**Flash point and method of detecting flash point:** Not Applicable

**Ignition temperature:** Not Applicable

**Decomposition temperature:** Not Applicable

**Viscosity:** Not Applicable

## 10. Stability and Reactivity

**Reactivity:** Data Not Available

**Chemical stability:** Stable at normal conditions.

**Conditions to avoid:** Data not available

**Incompatible materials:** Strong oxidizing materials

**Hazardous decomposition products:** Data not available

## 11. Toxicology Information

### Information on Toxicological effects:

This product has not been tested for toxicological effects.

**Acute toxicity:** Data not available.

### Skin corrosion / irritation:

Data not available.

### Serious eye damage/irritation:

Data not available.

### Respiratory or skin sensitisation:

Data not available.

**Germ cell mutagenicity:** Data not available.

**Carcinogenicity:** Data not available.

**Reproductive toxicity:** Data not available.

**Specific Target Organ Toxicity (STOT) – single exposure:** Data not available.

**Specific Target Organ Toxicity (STOT) – repeated exposure:** Data not available.

**Aspiration hazard:** Data not available.

## 12. Ecology Information

**Ecotoxicity:** No ecological data available for this mixture

## 13. Disposal Considerations

### Disposal methods and containers:

Dispose of in compliance with national, regional and local provisions that may be in force.

### Physical / Chemical Properties that may affect disposal options:

Not known

### Effects of Sewerage:

Not known

### Special precautions for landfill or incineration:

None

## 14. Transport Information

Labels Required:



2.2 Non flammable, non toxic gas

### Land Transport (ADG):

Classification as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road & Rail (Ed 7.3, August 2014), National Transport Commission.

**UN Number:** 1044

**Proper Shipping Name:** FIRE EXTINGUISHERS with compressed gas or liquefied gas

**Transport hazard class:** Class 2.2

**Packing Group:** Not Applicable

**Environmental hazards for Transport**

**Purposes:** Not Applicable

### Special precautions for user:

Special Provisions 225

**Hazchem Code:** Not Applicable

**Land Transport (ADG):**

Classification as Dangerous Goods according to the Dangerous Goods Regulations, International Air Transport Association (IATA).

**UN Number:** 1044

**Proper Shipping Name:** FIRE EXTINGUISHERS with compressed gas or liquefied gas

**Transport hazard class:** Class 2.2

**Packing Group:** Not Applicable

**Environmental hazards for Transport**

**Purposes:** Not Applicable

**Special precautions for user:**

Special Provisions A19

**Cargo Only Packing Instructions:** 213

**Passenger and Cargo Packing Instructions:** 213

**Hazchem Code:** Not Applicable

**Sea Transport (IMO - IMDG)**

Classification as Dangerous Goods according to the International Maritime Dangerous Goods

**UN Number:** 1044

**Proper Shipping Name:** FIRE EXTINGUISHERS with compressed gas or liquefied gas

**Transport hazard class:** Class 2.2

**Packing Group:** Not Applicable

**Environmental hazards for Transport**

**Purposes:** Not Applicable

**Special precautions for user:**

EMS Number F-C, S-V

Special Provisions 225

**Hazchem Code:** Not Applicable

**15. Regulation Information**

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

All components of this product are listed on the Australian Inventory of Chemical Substances (AICS) or exempted.

**16. Other Information**

**Revision, Date of preparation of this MSDS:**

Rev D, 07 July 2022

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