

Water Fire Extinguisher

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Water

Product Use:

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

Manufacturer/Supplier:

Antec Group Pty Ltd

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2. HAZARDS IDENTIFICATIONS

Classification of the substance or mixture:

Classification according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work,

Health and Safety regulations, Australia

Classified as dangerous - Gases under Pressure - Compressed Gas

H280 Contains gas under pressure; may explode if heated

Classification according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th Edition)

Classified as Dangerous Goods

Other hazards:

No other hazards.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Water (H2O) 7732-18-5 >60%

Nitrogen UN1066 7727-37-9 Not known, gas

4. FIRST AID MEASURES

After inhalation

No first aid measures necessary.

After skin contact

No first aid measures necessary.

After eye contact

No first aid measures necessary.

After ingestion

No first aid measures necessary.

Most important symptoms and effects, both acute, delayed and aggravated.

None.

Indication of any immediate medical attention and special treatment needed

None known.

5. FIRE-FIGHTING MEASURES

Product is an extinguishing media. Use appropriate fire extinguisher for surrounding environment.

Special hazards arising from the substance or mixture

No special hazards expected.

Advice for fire fighters

In case of fire the product may be violently or explosively reactive. If safe to do so, remove containers from path of fire. Keep containers and fire-exposed surfaces cool with water spray. This product should be prevented from entering drains and watercourses.

Appropriate personal protective equipment for fire fighters:

Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing to prevent exposure to vapours, fumes or products of combustion. Water spray may be used to cool down heat-exposed containers.

Hazchem code:

No Hazchem Code issued to these articles. No HIN issued under RID and ADR.





6. ACCIDENTAL RELEASE MEASURES:

Personal precautions, protective equipment and emergency procedures:

None Necessary

Environmental Precautions

If possible contain the spill.

Methods and materials for containment and cleaning up

None necessary.

7. HANDLING AND STORAGE:

Precautions for safe handling

Advice on safe use of product:

Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

Advice on safe handling:

Keep containers sealed when not in use.

Environmental precautions:

No precautions necessary.

Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Always store in dry, cool area out of direct sunlight in original container with lid tightly closed.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

Control parameters / occupational exposure limit values

According to the Hazardous Chemical Information System (HCIS), no exposure standards have been established for this mixture or its ingredients.

Exposure controls

Appropriate engineering controls:

Systems under pressure should be regularly checked for leakages.

Individual protective measures, e.g. Personal Protective Equipment:

The following recommendations should be considered although not needed: Wear chemical goggles, chemical resistant gloves and dust mask.

Environmental exposure controls

No information available.

9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance

- **Physical state:** Liquid

- **Colour:** Clear **Odour:**

Odourless

Odour threshold: Odour threshold is subjective and inadequate to warn for overexposure.

pH: no information available

Melting point (°C): no information available

Boiling point (°C): 100

Molar mass: no information available

Critical temperature (°C): no information available **Flash**

point (°C): no information available **Evaporation rate**

(ether=1): no information available **Flammability range**

(vol% in air): Non flammable. **Vapour pressure (at 20°C):**

no information available **Vapour density:** no information available

Relative density, gas (air=1): no information available

Relative density, liquid (water =1): no information available

Solubility in water: completely soluble

Partition coefficient n-octanol/water: no information available

Viscosity at 20°C (mPa.s): no information available

Explosive properties: no information available

Molecular weight: no information available

Other information: Specific gravity: 1

10. STABILITY AND REACTIVITY:

Reactivity

Reacts with incompatible materials.

Chemical stability

No special measures are necessary. Stable under normal ambient storage and handling conditions.

Possibility of hazardous reactions

None



Conditions to avoid

Not known

Incompatible materials

Hazardous decomposition products

Not known.

11. TOXICOLOGICAL INFORMATION:

Mixture related information - toxicological Tests - No

Toxicity data are available for this specific product

Information on possible routes of exposure

No information available. See section 4.

Early onset symptoms relating to exposure

No information available.

DELAYED HEALTH EFFECTS FROM EXPOSURE No

information available.

Toxicity Information -This chemical formulation has not been tested for health effects.

Acute toxicity: This product has not been tested

Skin corrosion/irritation: This product has not been tested

Serious eye damage/irritation: This product has not been tested

Respiratory or skin sensitisation: This product has not been tested

Respiratory or skin sensitisation: This product has not been tested

Germ cell mutagenicity: This product has not been tested

Carcinogenicity: This product has not been tested

Reproductive toxicity: This product has not been tested

Specific Target Organ Toxicity (STOT) – single exposure:

This product has not been tested

Specific Target Organ Toxicity (STOT) – repeated exposure:

This product has not been tested

Aspiration hazard: This product has not been tested

12. ECOLOGICAL INFORMATION:

Ecotoxicity

Persistence and degradability

Non toxic.

No information available.

Bioaccumulative potential

No information available.

Mobility in soil

No information available.

Environmental protection

Not necessary.

13. DISPOSAL CONSIDERATIONS

No harm to the environment is expected from this preparation. Dispose of in compliance with national, regional and local provisions that may be in force.

14. TRANSPORT INFORMATION

UN Number: 1044

ADG Class: 2.2

Packing Group: Not applicable

Proper Shipping Name: 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 drivers 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.

Before transporting product containers:

- Ensure there is adequate ventilation
- Ensure that containers are firmly secured
- Compliance with applicable regulations



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