

**Aitken Freeman Pty Ltd**  
**Factory 7, 7-9 Brough St, Springvale VIC 3171**  
**PO Box 548, Noble Park VIC 3174**  
**Phone: (03) 9701 3955 Fax: (03) 9701 3956**  
**Internet: [www.aitkenfreeman.com](http://www.aitkenfreeman.com)**  
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## Safety Data Sheet

**1. Product Name:** Expoz

**Identification** Surface set retarder for concrete

**Company Name** Aitken Freeman Pty Ltd  
**Address** Unit 7, 7 – 9 Brough St. Springvale Vic 3171  
**Contact:** Ph. (03) 9701 3955 Fx. (03) 9701 3956

### 2. Hazard Identification:

**GHS Classification** Classified as non hazardous according to the criteria of Safe Work Australia

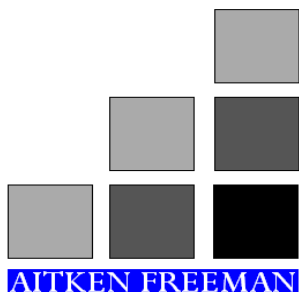
**Poisons Schedule (Aust):** Not applicable

#### Precautionary Statements

**Prevention** Read label before use.  
Avoid breathing dust/fume/gas/mist/vapours/spray.  
Wash skin thoroughly after handling.  
Contaminated work clothing should not be allowed out of the work place.  
Avoid release to the environment.  
Wear protective gloves/protective clothing/eye protection/face protection.

**Response** Collect spillage.  
IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.  
IF ON SKIN: Wash with plenty of soap and water.  
If skin irritation or rash occurs: Get medical advice/attention.  
Take off contaminated clothing and wash before re-use.

**Disposal** Dispose of contents/container to approved waste disposal plant.



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### 3. Composition / information on ingredients

CHEMICAL ENTITY	CAS NO.	PROPORTION
Ingredients determined to be non-hazardous	-	100%

### 4. First Aid Measures

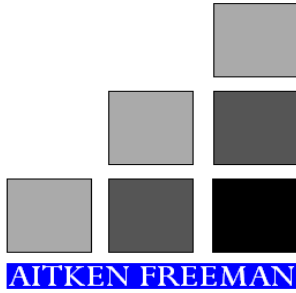
<b>Inhalation</b>	If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.
<b>Ingestion</b>	Do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.
<b>Skin</b>	Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before re-use or discard. Seek medical attention.
<b>Eye contact</b>	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.
<b>First Aid Facilities</b>	Eye wash, safety shower and normal washroom facilities.
<b>Advice to Doctor</b>	Treat symptomatically.
<b>Other information</b>	For advice in an emergency, contact a Poisons Information Centre, 13 11 26, or a doctor at once.

### 5. Fire fighting measures

<b>Suitable Extinguishing media</b>	Use carbon dioxide, dry chemical, foam or water mist.
<b>Hazards from Combustion Products</b>	Under fire conditions this product may emit toxic/irritating fumes including carbon monoxide and carbon dioxide.
<b>Specific Hazards arising from the ingredients</b>	Non-combustible liquid.
<b>Hazchem Code</b>	Not applicable
<b>Precautions in connection with fire</b>	Fire fighters should wear full protective clothing and self contained breathing apparatus operated in positive pressure mode. Water spray may be used to keep fire exposed containers cool. Decomposition of dry material may emit toxic fumes.

### 6. Accidental Release Measures

<b>Emergency Procedures</b>	Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Place inert absorbent, non-combustible material on to spillage. Use clean non sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs, inform the local water and waste management authorities in accordance with local regulations.
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### 7. Handling and storage

#### Precautions for safe Handling

Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Avoid inhalation of vapours and mists, and skin or eye contact. Do not use near ignition sources. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. Maintain high standards of personal hygiene. ie. Washing hands prior to eating, drinking, smoking or using toilet facilities.

#### Conditions for safe storage, including any Incompatibilities

Store in a cool, dry, well ventilated area away from heat, sources of ignition, oxidising agents, food stuffs, and clothing, and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

### 8. Exposure Controls

#### Occupational exposure limit values

No exposure standards have been established for this material by Safework Australia. However as with all chemicals, exposure should be kept to the lowest possible levels.

#### Biological limit values Appropriate engineering controls

No biological limit allocated  
Use with good ventilation. If mists or vapours are produced, local exhaust ventilation should be used.

#### Respiratory protection

If engineering controls are not effective in controlling airbourne exposure then an approved respirator with a replaceable organic vapour filter should be used. Reference should be made to Australian standards AS 1715, Selection, Use, and Maintenance of Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

#### Eye Protection

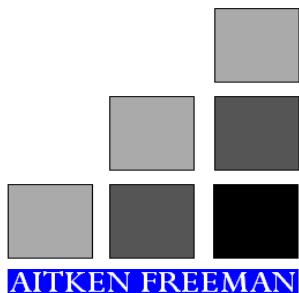
Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian Standard AS 1337 – Eye Protectors for Industrial Applications.

#### Hand Protection

Wear gloves of impervious material. Final choice of appropriate gloves will vary with individual circumstances ie methods of handling or according to risk assessments undertaken. Reference should be made to AS2161.1 Occupational protective gloves – Selection, Use, and Maintenance.

#### Body Protection

Suitable protective work wear, EG Cotton overalls buttoned at the neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.



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## 9. Physical and Chemical Properties

Form:	Green liquid with a slight sweet odour.
Solubility:	Miscible with water
Specific Gravity (20°C):	1.06
Relative Vapour Density (air=1):	>1
Vapour Pressure (kPa @ 20°C):	Not Available
Flash Point (°C):	Not Applicable
Flammability Limits (%):	Not Applicable
Autoignition Temperature (°C):	Not Applicable
% Volatile by Volume:	Not Applicable
Melting Point/Range (°C):	Not Available
Boiling Point/Range (°C):	100
pH:	7
Viscosity:	Not Available

## 10 Stability and Reactivity

Reactivity: No reactivity hazards are known for the material.

Chemical stability: This material is thermally stable when stored and used as directed.

Hazardous reactions: No known hazardous reactions.

Conditions to avoid: Elevated temperatures and sources of ignition.

Incompatible materials: Oxidising agents.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

## 11 Toxicological Information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

### Acute Effects

**Inhalation:** Material may be an irritant to mucous membranes and respiratory tract.

**Skin contact:** Repeated or prolonged skin contact may lead to irritation.

**Ingestion:** No adverse effects expected however large amounts may cause nausea and vomiting.

**Eye contact:** May be an eye irritant.

### Acute toxicity

**Inhalation:** This material has been classified as non-hazardous.

Acute toxicity estimate (based on ingredients): >20 mg/L

**Skin contact:** This material has been classified as non-hazardous.

Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

**Ingestion:** This material has been classified as non-hazardous.

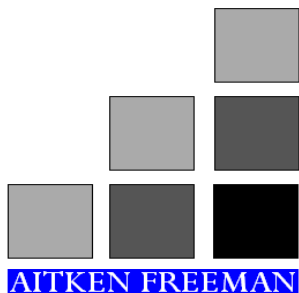
Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

**Corrosion/Irritancy:** Eye: this material has been classified as not corrosive or irritating to eyes.

Skin: this material has been classified as not corrosive or irritating to skin.

**Sensitisation:** Inhalation: this material has been classified as not a respiratory sensitiser.

Skin: this material has been classified as not a skin sensitiser.



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**Aspiration hazard:** This material has been classified as non-hazardous.

**Specific target organ toxicity (single exposure):** This material has been classified as non-hazardous.

#### **Chronic Toxicity**

**Mutagenicity:** This material has been classified as non-hazardous.

**Carcinogenicity:** This material has been classified as non-hazardous.

**Reproductive toxicity (including via lactation):** This material has been classified as non-hazardous.

**Specific target organ toxicity (repeat exposure):** This material has been classified as non-hazardous.

## **12. Ecological Information**

**Avoid contaminating waterways.**

**Acute aquatic hazard:** No information is available to complete an assessment.

**Long-term aquatic hazard:** No information is available to complete an assessment.

**Ecotoxicity:** No information available.

**Persistence and degradability:** No information available.

**Bioaccumulative potential:** No information available.

**Mobility:** No information available.

## **13. Disposal**

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

## **14. Transport**

### **Road and Rail Transport**

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

### **Marine Transport**

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

### **Air Transport**

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

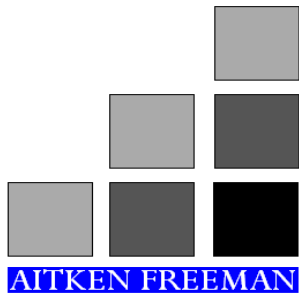
## **15. Regulatory Information**

**This material is not subject to the following international agreements:**

Montreal Protocol (Ozone depleting substances)

The Stockholm Convention (Persistent Organic Pollutants)

The Rotterdam Convention (Prior Informed Consent)



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Basel Convention (Hazardous Waste)

International Convention for the Prevention of Pollution from Ships (MARPOL)

**This material/constituent(s) is covered by the following requirements:**

All the constituents of this material are listed on the *Australian Inventory of Chemical Substances (AICS)*.

#### **16. Other Information**

**Date of Preparation:** 21<sup>st</sup> October 2024