

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
e-mail: sales@aitkenfreeman.com

Safety Data Sheet

1. Product Name: Chlorcure XF
Classified as Hazardous

Identification

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 Skin corrosion/irritation - Category 2
Skin sensitisation - Sub-category 1B
Acute aquatic toxicity - Category 2
Chronic aquatic toxicity - Category 2

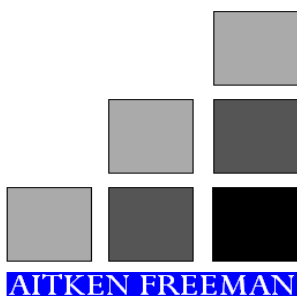
Signal Word Danger

Hazard Classifications

- 3.1C - Flammable liquids
- 6.1D - Substances that are acutely toxic - Oral
- 6.1D - Substances that are acutely toxic - Dermal
- 6.1E - Substances that are acutely toxic - Inhalation - vapours, dusts or mists
- 6.1E - Substances that are acutely toxic - Aspiration hazard (H304)
- 6.3A - Substances that are irritating to the skin
- 6.4A - Substances that are irritating to the eye
- 6.8B - Substances that are suspected human reproductive or developmental toxicants
- 6.9B (Single exposure) - Substances that are harmful to human target organs or systems
- 6.9B (Repeated exposure) - Substances that are harmful to human target organs or systems
- 9.1B - Substances that are ecotoxic in the aquatic environment (H411)
- 9.3C - Substances that are harmful to terrestrial vertebrates

Hazard Statements

- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H333 May be harmful if inhaled.
- H361 Suspected of damaging fertility or the unborn child .
- H371 May cause damage to organs.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H411 Toxic to aquatic life with long lasting effects.
- H433 Harmful to terrestrial vertebrates.



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Prevention Precautionary Statements

- P102 Keep out of reach of children.
- P103 Read label before use.
- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- P233 Keep container tightly closed.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical, ventilating, lighting and all other equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P260 Do not breathe dust, fume, gas, mist, vapours or spray.
- P264 Wash hands, face and all exposed skin thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P273 Avoid release to the environment.
- P281 Use personal protective equipment as required.

Response Precautionary Statements

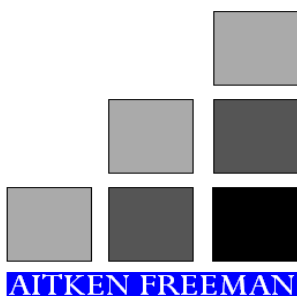
- P101 If medical advice is needed, have product container or label at hand.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.
- P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+P312 IF INHALED: Call a POISON CENTRE or doctor/physician if you feel unwell.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P309+P311 IF exposed or if you feel unwell: Call a POISON CENTRE or doctor/physician.
- P330 Rinse mouth.
- P331 Do NOT induce vomiting.
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P362 Take off contaminated clothing and wash before reuse.
- P391 Collect spillage.

Storage Precautionary Statements

- P403+P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.

Disposal Precautionary Statement

- P501 Dispose of contents/container in accordance with local, regional, national and international regulations.



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Pictogram(s)

Exclamation mark, Environmental



DANGEROUS GOOD CLASSIFICATION

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".

Dangerous Goods Class: 3

3. Composition / information on ingredients

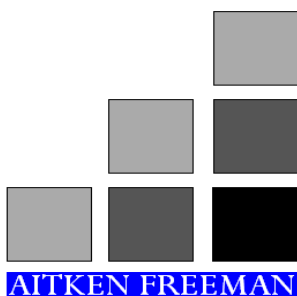
Ingredients	Name	CAS	Proportion
	Xylene	1330-20-7	+60%
	Chlorinated Paraffin	63449-39-8	1 – 10%
	Chlorinated Rubber	9006-03-5	1 – 10%

4. First Aid Measures

Inhalation	If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.
Ingestion	Do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.
Skin	Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before re-use or discard. Seek medical attention.
Eye contact	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.
First Aid Facilities	Eye wash, safety shower and normal washroom facilities.
Advice to Doctor	Treat symptomatically.
Other information	For advice in an emergency, contact a Poisons Information Centre, 13 11 26, or a doctor at once.

5. Fire fighting measures

Suitable Extinguishing media	Use carbon dioxide, dry chemical, foam or water mist.
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**Unsuitable
Extinguishing media**

DO NOT use water jets.

**Hazards from
Combustion Products**

Under fire conditions this product may emit toxic/irritating fumes including carbon monoxide and carbon dioxide.

**Specific Hazards
arising from the
ingredients**

Combustible liquid. This product will readily burn under fire conditions.

Hazchem Code

3Z

**Precautions in
connection with fire**

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.

6. Accidental Release Measures

**Emergency
Procedures**

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.

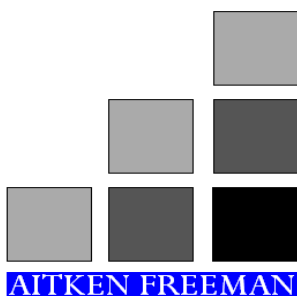
7. Handling and storage

**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. Do not pressurise, cut, heat, or weld containers as they may contain hazardous residues. For information on the design of the store room, reference should be made to Australian Standard AS1940 – The storage of flammable and combustible liquids. Reference should also be made to all state and federal regulations.



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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 No biological limit allocated

Appropriate engineering controls 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.

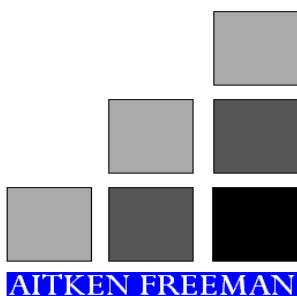
Eye Protection Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian Standard AS 1337 – Eye Protectors for Industrial Applications.

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.

9. Physical and Chemical Properties

Form:	Amber, low viscosity liquid with distinctive odour
Solubility:	Not miscible with water
Specific Gravity (20°C):	0.95- 0.98
Relative Vapour Density (air=1):	>1
Vapour Pressure (kPa @ 20°C):	Not Available
Flash Point (°C):	30°C
Flammability Limits (%):	Not Applicable
Autoignition Temperature (°C):	463°C
% Volatile by Volume:	>80%
Melting Point/Range (°C):	Not Available
Boiling Point/Range (°C):	Approx 144
pH:	Neutral
Viscosity:	Not Applicable



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10 Stability and Reactivity

Chemical Stability	Chemically stable
Possibility of Hazardous Reactions	Not known to spontaneously react with commonly available chemicals
Conditions to Avoid	Sources of ignition
Hazardous Decomposition Products	Carbon monoxide, hydrochloric acid

11 Toxicological Information

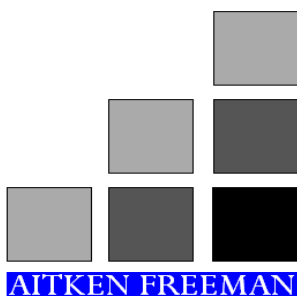
Inhaled	The material can cause respiratory irritation in some persons. The body's response to such irritation can cause further lung damage. Not normally a hazard due to non-volatile nature of product
Ingestion	High molecular weight material; on single acute exposure would be expected to pass through gastrointestinal tract with little change / absorption.
Skin Contact	The material may cause moderate inflammation of the skin either following direct contact or after a delay of some time. Repeated exposure can cause contact dermatitis which is characterised by redness, swelling and blistering. Open cuts, abraded or irritated skin should not be exposed to this material
Eye	May produce eye irritation and produce eye damage
Chronic	Long-term exposure to respiratory irritants may result in disease of the airways involving difficult breathing and related systemic problems. Skin contact with the material is more likely to cause a sensitisation reaction in some persons compared to the general population. Toxic: danger of serious damage to health by prolonged exposure through inhalation.
Toxicity	Not available

12 Ecological Information

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Do NOT allow product to come in contact with surface waters or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment cleaning solutions.
Wastes resulting from use of the product must be disposed of on site or at approved waste sites.

13 Disposal Considerations

Product / Packaging	Containers may still present a chemical hazard/ danger when empty.
Disposal	Legislation addressing waste disposal requirements may differ by state and/ or territory. Each user must refer to laws operating in their area. This material may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use.



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DO NOT allow wash water from cleaning or process equipment to enter drains.

It may be necessary to collect all wash water for treatment before disposal.

In all cases disposal to sewer may be subject to local laws and regulations and these should be considered first.

Where in doubt contact the responsible authority.

Recycle wherever possible or consult manufacturer for recycling options.

Consult State Land Waste Authority for disposal.

Bury or incinerate residue at an approved site.

Recycle containers if possible, or dispose of in an authorised landfill.

14 Transport Information

Labels Required



Land Transport

UN No. 1263

Proper Shipping Name PAINTS, etc flammable liquid,hfp

Transport Hazard Class Class 9

Packing Group III

Hazchem 3[Y]

15 Regulatory Information

This material is hazardous according to Safe Work Australia; HAZARDOUS CHEMICAL.

Classification of the chemical:

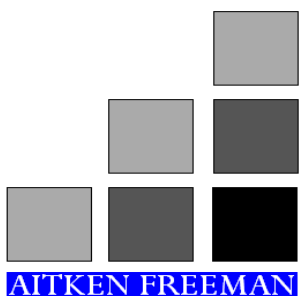
Flammable liquids - Category 3

Acute Dermal Toxicity - Category 4

Acute Inhalation Toxicity - Category 4

Skin Irritation - Category 2

Specific target organ toxicity (single exposure) - Category 3



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Hazard Statement(s):

H226 Flammable liquid and vapour.

H312+H332 Harmful in contact with skin or if inhaled.

H315 Causes skin irritation.

H335 May cause respiratory irritation.

Poisons Schedule (SUSMP):S6 Poison

16 Other Information

Classification of the preparation and its individual components has drawn on official and authoritative sources using available literature references.

Revision date 22nd October 2021