

# SAFETY DATA SHEET



ChemConcrete<sup>-WP</sup> Waterproofing Admixture

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Version  
2.0

Issue Date  
07 October 2023

SDS Number  
00003011

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## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Material Name:** ChemConcrete<sup>-WP</sup> Waterproofing Admixture  
**Manufacturer/Supplier:** Chem Concrete Pty Ltd  
**Address:** 16 Caird Place, Seven Hills, NSW 2147.  
**E-mail:** [sales@chemconcrete.com.au](mailto:sales@chemconcrete.com.au)  
**Website:** [www.chemconcrete.com.au](http://www.chemconcrete.com.au)  
**Emergency Phone:** (+61)-4-2-388-1091 | (+61)-4-1-122-9278

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## SECTION 2. HAZARDS IDENTIFICATION

**GHS Classification:**

Not a hazardous substance or mixture.

**GHS label elements Symbol(s)**

None. Not a hazardous substance or mixture.

**Other hazards which do not result in classification**

None known.

**Signal Word**

Not Dangerous.

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## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Components**

CAS #	Component	Concentration (% w/w)
69012-64-2	Amorphous silicon dioxide	>= 50 -<= 60

### General Product Information

ChemConcrete<sup>-WP</sup> Admix is an integral waterproofing and durability-improving admixture for concrete protection. Primary raw materials include blended chemicals along with fatty acids.



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## SECTION 4. FIRST AID MEASURES

General advice:	No hazards which require special first aid measures.
If inhaled:	Move to fresh air.
In case of eye contact:	Flush eyes with water as a precaution. Remove contact lenses. Keep eye wide open while rinsing.
In case of skin contact:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.
If swallowed:	Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.
Most important symptoms and effects, both acute and delayed:	No known significant effects or hazards. See Section 11 for more detailed information on health effects and symptoms.
Notes to physician:	Treat symptomatically.

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## SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Hazardous combustion products:	No hazardous combustion products are known.
Specific extinguishing methods:	Standard procedure for chemical fires.
Special protective equipment for firefighters:	In the event of fire, wear self-contained breathing apparatus.



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## SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Avoid breathing dust.
- Environmental precautions : No special environmental precautions required.
- Methods and materials for containment and cleaning up : Keep in suitable, closed containers for disposal.  
Sweep up or vacuum up spillage and collect in suitable container for disposal.

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## SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Avoid dust formation.  
Provide appropriate exhaust ventilation at places where dust is formed.
- Advice on safe handling : For personal protection see Section 8.  
No special handling advice required.  
Follow standard hygiene measures when handling chemical products.
- Hygiene measures : When using do not eat or drink.  
When using do not smoke.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
Store in accordance with local regulations.
- Materials to avoid : No special restrictions on storage with other products.
- Further information on storage stability : Keep in a dry place.  
No decomposition if stored and applied as directed.



## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters/ Permissible concentration	Basis
Amorphous silicon dioxide	69012-64-2	TWA (Respirable dust)	2 mg/m <sup>3</sup>	AU OEL
Further information: Containing no asbestos.				

**Appropriate engineering controls** : Avoid dust formation.  
Provide appropriate exhaust ventilation at places where dust is formed.

### Personal protective equipment

**Respiratory protection** : In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product, and the safe working limits of the selected respirator.

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.  
Follow AS/NZS 1337.1  
Recommended: Butyl rubber, PVC, cotton gloves

**Eye protection** : Safety glasses

**Skin and body protection** : Protective clothing (e.g. safety shoes, long-sleeved working clothing, long trousers)  
Follow AS 2210:3

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** : Strong liquid

**Colour** : White/grey

**Odour** : Odourless

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Odour Threshold	:	No data available
pH	:	7 - 10
Melting point/range	:	1,500 °C
Boiling point/boiling range	:	No data available
Flash point	:	Not applicable
Evaporation rate	:	No data available
Flammability (solid, gas)	:	Not flammable
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	No data available
Relative vapour density	:	No data available
Density	:	1.3 g/cm <sup>3</sup> (20 °C)
Solubility		
Water solubility	:	No data available
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity		
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	Not applicable
Explosive properties	:	No data available
Oxidizing properties	:	No data available
Volatile organic compounds	:	Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Not applicable.



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## SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	The product is chemically stable.
Possibility of hazardous reactions	:	No hazards to be specially mentioned.
Conditions to avoid	:	No data available
Incompatible materials	:	See Section 7.

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## SECTION 11. TOXICOLOGICAL INFORMATION

### **Acute toxicity**

Not classified based on available information.

### **Skin corrosion/irritation**

Not classified based on available information.

### **Serious eye damage/eye irritation**

Not classified based on available information.

### **Respiratory or skin sensitisation**

#### **Skin sensitisation**

Not classified based on available information.

#### **Respiratory sensitisation**

Not classified based on available information.

### **Chronic toxicity**

#### **Germ cell mutagenicity**

Not classified based on available information.

#### **Carcinogenicity**

Not classified based on available information.

#### **Reproductive toxicity**

Not classified based on available information.

#### **STOT - single exposure**

Not classified based on available information.

#### **STOT - repeated exposure**

Not classified based on available information.

#### **Aspiration toxicity**

Not classified based on available information.



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## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

No data available

### Persistence and degradability

No data available

### Bioaccumulative potential

No data available

### Mobility in soil

No data available

### Other adverse effects

### Product:

Additional ecological information : There is no data available for this product.

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

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## SECTION 14. TRANSPORT INFORMATION

**Not dangerous for transport (no special requirements).**

### International Regulations

#### IATA-DGR

UN/ID No. : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
Packing instruction (cargo aircraft) : Not applicable  
Packing instruction (passenger aircraft) : Not applicable

#### IMDG-Code

UN number : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
EmS Code : Not applicable  
Marine pollutant : Not applicable

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## Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

## National Regulations

### ADG

UN number : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
Hazchem Code : Not applicable

## Special precautions for user

Not applicable

## SECTION 15. REGULATORY INFORMATION

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

Standard for the Uniform Scheduling of Medicines and Poisons : No poison schedule number allocated

International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors : Not applicable

Prohibition/Licensing Requirements : There is no applicable prohibition, authorisation and restricted use requirements, including for carcinogens referred to in Schedule 10 of the model WHS Act and Regulations.

### The components of this product are reported in the following inventories:

AICIS : On the inventory, or in compliance with the inventory.

## SECTION 16. OTHER INFORMATION

Revision Date : 07 October 2023

### Full text of other abbreviations

AU OEL : Australia. Workplace Exposure Standards for Airborne Contaminants.  
AU OEL / TWA : Exposure standard - time weighted average  
ADG : Australian Dangerous Goods Code.  
ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road  
CAS : Chemical Abstracts Service  
DNEL : Derived no-effect level  
EC50 : Half maximal effective concentration



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GHS	:	Globally Harmonized System
IATA	:	International Air Transport Association
IMDG	:	International Maritime Code for Dangerous Goods
LD50	:	Median lethal dose (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)
LC50	:	Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)
MARPOL	:	International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978
OEL	:	Occupational Exposure Limit
PBT	:	Persistent, bioaccumulative and toxic
PNEC	:	Predicted no effect concentration
REACH	:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency
SVHC	:	Substances of Very High Concern
vPvB	:	Very persistent and very bioaccumulative

Safety Data Sheets are updated frequently. Please ensure that you have a current copy. SDS may be obtained from the following website: [www.chemconcrete.com.au](http://www.chemconcrete.com.au)

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