

Infosafe No™ LPXF3	Issue Date : June 2013	ISSUED by PARCHEMN
--------------------	------------------------	--------------------

Product Name : **GALVASHIELD CC & GALVASHIELD XP**

Classified as hazardous

1. Identification

GHS Product Identifier	GALVASHIELD CC & GALVASHIELD XP
Company Name	Parchem Construction Supplies Pty Ltd (ABN 80 069 961 968)
Address	7 Lucca Road Wyong NSW 2259 Australia
Telephone/Fax Number	Tel: 02 4350 5000 Fax: 02 4351 2024
Emergency phone number	0800 154 666 (available 24/7)
Recommended use of the chemical and restrictions on use	Embedded Zinc Anode, which acts to prevent corrosion in reinforcing steel in concrete
Other Information	Distributed in New Zealand by: Concrete Plus 23 Watts Road Sockburn New Zealand Tel: (03) 343 0090 Fax: (03) 343 0202

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Parchem Construction Supplies Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

www.parchem.co.nz

2. Hazard Identification

GHS classification of the substance/mixture	Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand. Not Classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land. HSNO Classification: 6.1D (Inhalation - vapours, dusts or mists) - Substance that is acutely toxic 6.1D (Oral) - Substance that is acutely toxic 8.2B - Substance that is corrosive to dermal tissue 8.3A - Substance that is corrosive to ocular tissue 9.3C - Substance that is harmful to terrestrial vertebrates
Signal Word (s)	Danger
Hazard Statement (s)	H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H332 Harmful if inhaled. H433 Harmful to terrestrial vertebrates.
Pictogram (s)	Corrosion, Exclamation mark



Infosafe No™ LPXF3	Issue Date : June 2013	ISSUED by PARCHEMN
--------------------	------------------------	--------------------

 Product Name : **GALVASHIELD CC & GALVASHIELD XP**

Classified as hazardous

Precautionary statement – Prevention	P103 Read label before use. P260 Do not breathe dust/fume/gas/mist/vapours/spray. P264 Wash skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary statement – Response	INHALATION P304+P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. P310: Immediately call a POISON CENTER or doctor/physician. EYES P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER or doctor/physician SKIN P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P362: Take off contaminated clothing. P310: Immediately call a POISON CENTER or doctor/physician.
Precautionary statement – Storage	
Precautionary statement – Disposal	P501 In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001. This may also include any method of disposal that must be avoided. See Section 13 for disposal details.

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Lithium hydroxide	1310-66-3	>10-<25 %
	Cement	N/A	>10-<25 %
	Ingredient determined not to be hazardous	Not required	Balance

4. First-aid measures

Inhalation	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.
Ingestion	Do not induce vomiting. Wash out mouth thoroughly with water. Seek immediate medical attention.
Skin	Remove all contaminated clothing immediately. Wash gently and thoroughly with water and non-abrasive soap for 15 minutes. Ensure contaminated clothing is washed before re-use or discard. Seek immediate medical attention.
Eye contact	If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.
First Aid Facilities	Eye wash, safety shower and normal washroom facilities.
Advice to Doctor	Treat symptomatically.
Other Information	For advice, contact a Poisons Information Centre (Phone eg Australia 131 126; New Zealand 0800 764 766) or a doctor (at once).

5. Fire-fighting measures

Suitable extinguishing media	Use appropriate fire extinguisher for surrounding environment.
-------------------------------------	--

Infosafe No™ LPXF3	Issue Date : June 2013	ISSUED by PARCHEMN
--------------------	------------------------	--------------------

Product Name : **GALVASHIELD CC & GALVASHIELD XP**

Classified as hazardous

Hazards from Combustion	Under fire conditions this product may emit toxic and/or irritating fumes and gases.
Products	
Specific hazards arising from the chemical	Non-combustible solid.
Precautions in connection with Fire	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers.

6. Accidental release measures

Emergency Procedures	Increase ventilation. Evacuate all unprotected personnel. Wear sufficient respiratory protection and full protective clothing to prevent exposure. Sweep up material avoiding dust generation or dampen spilled material with water to avoid airborne dust, then transfer material to a suitable container. Wash surfaces well with soap and water. Seal all wastes in labelled plastic 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	Attacks skin and eyes. Causes burns. Avoid breathing in vapours, mist or fumes. Wear suitable protective clothing, gloves and eye/face protection when mixing and using. Use in designated areas with adequate ventilation. Keep containers tightly closed. Ensure a high level of personal hygiene is maintained when using this product, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities.
Conditions for safe storage, including any incompatibilities	Corrosive solids. Provide a catch-tank in a bunded area. Structural materials and lighting and ventilation systems in storage area should be corrosion resistant. Store in a cool, dry, well-ventilated area away from sources of ignition, oxidizing agents, strong mineral acids, bases metal and/or water. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area.

8. Exposure controls/personal protection

Occupational exposure limit values	No exposure value assigned for this specific material by the New Zealand Occupational Safety and Health Service (OSH). However, over-exposure to any chemical may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels. The available exposure limits for ingredients are listed below: New Zealand Occupational Safety and Health Service (OSH) Workplace Exposure Standards: Substance	TWA	NOTICES
		ppm	mg/m ³
	Particulates	10 mg/m ³ (inhalable)	TWA 3 mg/m ³ (respirable)
	TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.		
Biological Limit Values	No biological limit allocated.		
Appropriate engineering controls	Provide sufficient ventilation to keep airborne levels below the exposure limits. Where dusts are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required.		
Respiratory Protection	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable dust/particulate filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.		

Infosafe No™ LPXF3	Issue Date : June 2013	ISSUED by PARCHEMN
--------------------	------------------------	--------------------

Product Name : **GALVASHIELD CC & GALVASHIELD XP**

Classified as hazardous

Eye Protection	Safety glasses with side shields, goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
Hand Protection	Wear gloves of impervious material such as PVC. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
Body Protection	Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

9. Physical and chemical properties

Appearance	Grey solid disk/cylinder with external tie wires
Colour	Grey
Odour	odourless
Melting Point	Not applicable
Boiling Point	Not applicable
Solubility in Water	Insoluble
Specific Gravity	1.2
pH	>12
Vapour Pressure	Not applicable
Vapour Density (Air=1)	Not applicable
Odour Threshold	Not available
Viscosity	Not available
Partition Coefficient: n-octanol/water	Not available
Flash Point	Not applicable
Flammability	Non-combustible solid
Auto-Ignition Temperature	Not applicable
Explosion Limit - Upper	Not applicable
Explosion Limit - Lower	Not applicable

10. Stability and reactivity

Reactivity	Reacts with incompatible materials
Chemical Stability	Stable under normal conditions of handling and storage.
Conditions to Avoid	Exposure to air. Contamination with water.
Incompatible Materials	Water, strong acids.
Hazardous Decomposition Products	Thermal decomposition may result in the release of toxic and/or irritating fumes.
Possibility of hazardous reactions	Reacts with incompatible materials.
Hazardous Polymerization	Will not occur.

Infosafe No™ LPXF3 Issue Date : June 2013 ISSUED by PARCHEMN

Product Name : GALVASHIELD CC & GALVASHIELD XP

Classified as hazardous

11. Toxicological Information

Toxicology Information	No toxicity data is available for this product.
Ingestion	Ingestion of this product will cause nausea, vomiting, abdominal pain and chemical burns to the mouth, throat and stomach. Harmful if swallowed. Ingestion of this product may cause irritation to the mouth, throat, oesophagus and stomach with symptoms of nausea, abdominal discomfort, vomiting and diarrhoea.
Inhalation	Dust generated will cause irritation with possible burns to the mucous membrane and upper airways. Symptoms may include coughing, lesions of the nasal septum, severe pain and may lead to permanent tissue scarring. Harmful if inhaled. Inhalation of product dust can cause irritation of the nose, throat and respiratory system.
Skin	Corrosive to the skin. Causes severe skin burns. Skin contact can cause redness, itching, irritation, severe pain and chemical burns with resultant tissue destruction.
Eye	Causes serious eye damage. Eye contact will cause stinging, blurring, tearing, severe pain and possible permanent corneal damage.
Respiratory sensitisation	Not expected to be a respiratory sensitiser
Skin Sensitisation	Not expected to be a skin sensitiser.
Germ cell mutagenicity	Not considered to be a mutagenic hazard
Carcinogenicity	Not considered to be a carcinogenic hazard.
Reproductive Toxicity	Not considered to be toxic to reproduction
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	Not expected to cause toxicity to a specific target organ.
Aspiration Hazard	Not expected to be an aspiration hazard

12. Ecological information

Ecotoxicity	Harmful to terrestrial vertebrates.
Persistence and degradability	Not readily biodegradable.
Mobility	Insoluble in water.
Bioaccumulative Potential	Not expected to be bioaccumulative.
Environmental Protection	Do not allow product to enter drains, waterways or sewers.

13. Disposal considerations

Disposal Considerations	<p>Product Disposal:</p> <p>Product wastes are controlled wastes and should be disposed of in accordance with all applicable local and national regulations. This product can be disposed through a licensed commercial waste collection service. Alternatively, the product can be mixed with water to enable it to cure to an inert solid that can be disposed in a licensed landfill facility.</p> <p>Personal protective clothing and equipment as specified in Section 8 of this SDS must be worn during handling and disposal of this product. The ventilation requirements as specified in the same section must also be followed, and the precautions given in Section 7 of this SDS regarding handling must also be followed.</p> <p>Do not dispose into the sewerage system. Do not discharge into drains or watercourses or dispose where ground or surface waters may be affected. In New Zealand, the disposal agency or contractor must comply with the New Zealand Hazardous Substances (Disposal) Regulations 2001. Further details regarding disposal can be obtained on the EPA New Zealand website under</p>
--------------------------------	---

Infosafe No™ LPXF3	Issue Date : June 2013	ISSUED by PARCHEMN
--------------------	------------------------	--------------------

Product Name : **GALVASHIELD CC & GALVASHIELD XP**

Classified as hazardous

specific group standards.
Container Disposal:
 The container or packaging must be cleaned and rendered incapable of holding any substance. It can then be disposed of in a manner consistent with that of the substance it contained. In this instance the packaging can be disposed through a commercial waste collection service.
 Alternatively, the container or packaging can be recycled if the hazardous residues have been thoroughly cleaned or rendered non-hazardous.
 In New Zealand, the packaging (that may or may not hold any residual substance) that is lawfully disposed of by householders or other consumers through a public or commercial waste collection service is a means of compliance with regulations.

14. Transport information

Transport Information Road and Rail Transport:
 Not classified as Dangerous Goods for transport according to the NZS 5433:2012 Transport of Dangerous Goods on Land

Marine Transport (IMO/IMDG):
 Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

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

IMDG Marine pollutant No

15. Regulatory information

Regulatory Information Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.
 Group Standard: Corrosion Inhibitors (Corrosive) Group Standard 2006

Poisons Schedule Not Scheduled

HSNO Approval Number HSR002547

16. Other Information

Date of preparation or last revision of SDS SDS Created: June 2013

Literature References Workplace Exposure Standards and Biological Exposure Indices, Department of Labour, Health & Safety.
 Transport of Dangerous goods on land NZS 5433.
 Preparation of Safety Data Sheets - Approved Code of Practice Under the HSNO Act 1996 (HSNO CoP 8-1 09-06).
 Assigning a hazardous substance to a group standard.
 American Conference of Industrial Hygienists (ACGIH)

Contact Person/Point Technical Support: 1800 812 864
 ...End Of MSDS...

© Copyright ACOHS Pty Ltd

Copyright in the source code of the HTML, PDF, XML, XFO and any other electronic files rendered by an Infosafe system for Infosafe MSDS displayed is the intellectual property of Acohs Pty Ltd.

Copyright in the layout, presentation and appearance of each Infosafe MSDS displayed is the intellectual property of Acohs Pty Ltd. The compilation of MSDS's displayed is the intellectual property of Acohs Pty Ltd.

Copying of any MSDS displayed is permitted for personal use only and otherwise is not permitted. In particular the MSDS's displayed cannot be copied for the purpose of sale or licence or for inclusion as part of a collection of MSDS without the express written consent of Acohs Pty Ltd.