

Infosafe No™ LPT14	Issue Date : June 2013	ISSUED by PARCHEMC
--------------------	------------------------	--------------------

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	1800 638 556 (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	<p>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.</p> <p>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.</p> <p>www.parchem.com.au</p>

2. Hazard Identification

GHS classification of the substance/mixture	<p>Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia</p> <p>Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)</p> <p>Skin Corrosion/irritation, Category 1</p> <p>Serious Eye Damage/irritation, Category 1</p> <p>Specific Target Organ Toxicity, Single Exposure Category 3 (respiratory irritation)</p>
Signal Word (s)	Danger
Hazard Statement (s)	H314 Causes severe skin burns and eye damage H335 May cause respiratory irritation.
Pictogram (s)	Corrosion, Exclamation mark



Precautionary statement – Prevention	<p>P260 Do not breathe dust/fume/gas/mist/vapours/spray.</p> <p>P264 Wash skin thoroughly after handling.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p>
Precautionary statement – Response	<p>INHALATION</p> <p>P304+P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.</p> <p>P310: Immediately call a POISON CENTER or doctor/physician.</p> <p>EYES</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER or doctor/physician</p>

Infosafe No™ LPT14

Issue Date : June 2013

ISSUED by PARCHEMC

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

Classified as hazardous

Precautionary statement – Storage
Precautionary statement – Disposal

SKIN
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P362: Take off contaminated clothing.
P310: Immediately call a POISON CENTER or doctor/physician.
INGESTION
P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P310 Immediately call a POISON CENTER or doctor/physician.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.
P405: Store locked up.
P501 Dispose of contents/container to an approved waste disposal plant

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Lithium hydroxide	1310-66-3	0-<25 %
	Cement	N/A	0-<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.
Hazards from Combustion Products	Under fire conditions this product may emit toxic and/or irritating fumes and gases.
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.
-----------------------------	--

Infosafe No™ LPT14	Issue Date : June 2013	ISSUED by PARCHEMC
--------------------	------------------------	--------------------

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

Classified as hazardous

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 Safe Work, Australia. 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:
---	---

Safe Work, Australia Exposure Standards:

Substance	TWA		STEL		NOTICES
	ppm	mg/m ³	ppm	mg/m ³	
Dust (inspirable fraction)	-	10	-	-	-

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.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

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.
-------------------------------	---

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

Infosafe No™ LPT14	Issue Date : June 2013	ISSUED by PARCHEMC
--------------------	------------------------	--------------------

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

Classified as hazardous

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.

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.
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.
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

Infosafe No™ LPT14	Issue Date : June 2013	ISSUED by PARCHEMC
--------------------	------------------------	--------------------

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

Classified as hazardous

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	Not available
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	Dispose of waste according to applicable local and national regulations.
--------------------------------	--

14. Transport information

Transport Information	Road and Rail Transport (ADG Code): Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7th edition).
	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 Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia
	Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
Poisons Schedule	Not Scheduled

16. Other Information

Date of preparation or last revision of SDS	SDS reviewed: June 2013 Supersedes: July 2008
Literature References	Standard for the Uniform Scheduling of Medicines and Poisons. Approved criteria for classifying hazardous substances [NOHSC:1008(2004)]. National Code of Practice for the Preparation of Material Safety Data Sheets [NOHSC:2011(2003)]. Australian Code for the Transport of Dangerous Goods by Road & Rail. Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals. Workplace exposure standards for airborne contaminants, Safe work Australia. American Conference of Industrial Hygienists (ACGIH)

Infosafe No™ LPT14	Issue Date : June 2013	ISSUED by PARCHEMC
--------------------	------------------------	--------------------

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

Classified as hazardous

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.