



Infosafe No™	3CH81	Issue Date : June 2016	RE-ISSUED by CHEMSUPP
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Product Name : **PLATINUM WIRE**

Not classified as hazardous

**1. Identification****GHS Product** PLATINUM WIRE**Identifier****Company Name** CHEM-SUPPLY PTY LTD (ABN 19 008 264 211)**Address** 38 - 50 Bedford Street GILLMAN  
SA 5013 Australia**Telephone/Fax** Tel: (08) 8440-2000  
**Number** Fax: (08) 8440-2001**Other Names**NameProduct Code

PLATINUM WIRE LR

PL037

**Other Information**

EMERGENCY CONTACT NUMBER: +61 08 8440 2000

Business hours: 8:30am to 5:00pm, Monday to Friday.

Chem-Supply Pty Ltd does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product before use or application intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon Chem-Supply Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product of any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of Chem-Supply Pty Ltd is limited to the replacement of supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.

**2. Hazard Identification**

**GHS classification of the substance/mixture** Not classified as hazardous according to the Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(2004) 3rd Edition, Safe Work Australia].  
Not classified as dangerous goods according to the Australian Dangerous Goods Code (ADG).

**3. Composition/information on ingredients**

Ingredients	Name	CAS	Proportion	Hazard Symbol	Risk Phrase
	Platinum	7440-06-4	100 %		

**4. First-aid measures****Inhalation** Remove to fresh air.**Ingestion** Rinse mouth thoroughly with water immediately. Seek medical attention.**Skin** Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.**Eye contact** Hold eyelids apart and flush eye(s) continuously with running water. Continue flushing for at least 15 minutes or until advised to stop by doctor or Poison Information Centre.**First Aid Facilities** Maintain eyewash fountain and safety shower in work area.**Advice to Doctor** Treat symptomatically based on judgement of doctor and individual reactions of the patient.**Other Information** For advice, contact a Poisons Information Centre (Phone eg Australia 13 1126; New Zealand 0800 764 766) or a doctor.**5. Fire-fighting measures****Suitable extinguishing media** Use fire extinguishing media appropriate for surrounding environment. Use water spray, dry chemical, carbon dioxide, or appropriate foam.**Specific Methods** Use extinguishing media most appropriate for the surrounding fire.**Specific hazards arising from the chemical** May burn but do not ignite readily. Containers may explode when heated. Runoff may pollute waterways/ Fire or heat may product irritating, poisonous and/or corrosive gases. Find dust dispersed in the air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.**Precautions in connection with Fire** Wear SCBA and structural firefighter's uniform.**6. Accidental release measures****Spills & Disposal** Collect in a suitable container for re-use, recycling or for disposal.**Personal Protection** Wear protective clothing specified for normal operations (see Section 8)



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**7. Handling and storage****Precautions for Safe Handling** Avoid generation or accumulation of dusts. Wear suitable protective clothing. Use in well ventilated areas.**Conditions for safe storage, including any incompatibilities** Store in cool place. Keep container tightly closed in a dry and well-ventilated place.**8. Exposure controls/personal protection**

Occupational exposure limit values	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Platinum			1		
<b>Other Exposure Information</b>	A time weighted average (TWA) has been established for Platinum, metal (Safe Work Australia) of 1 mg/m3. The exposure value at the TWA is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week.					
<b>Appropriate engineering controls</b>	In industrial situations maintain the concentrations values below the TWA. This may be achieved by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods.					
<b>Respiratory Protection</b>	Where ventilation is not adequate, respiratory protection may be required. Avoid breathing vapours or mists. Select and use respirators in accordance with AS 1716 - Respiratory Protective Devices and be selected in accordance with AS 1715 - Selection, Use and Maintenance of Respiratory Protective Devices. When mists or vapours exceed the exposure standards then the use of the following is recommended: Approved respirator with organic vapour and dust/mist filters. Filter capacity and respirator type depends on exposure levels.					
<b>Eye Protection</b>	The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336.					
<b>Hand Protection</b>	Hand protection should comply with AS 2161, Occupational protective gloves - Selection, use and maintenance.					
<b>Personal Protective Equipment</b>	Final choice of personal protective equipment will depend on individual circumstances and/or according to risk assessments undertaken.					
<b>Body Protection</b>	Clean clothing or protective clothing should be worn, preferably with an apron. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.					
<b>Hygiene Measures</b>	Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.					

**9. Physical and chemical properties**

<b>Appearance</b>	Silver grey metal wire.
<b>Odour</b>	Odourless.
<b>Melting Point</b>	1772 °C
<b>Boiling Point</b>	3827 °C
<b>Solubility in Water</b>	Insoluble in water.
<b>Specific Gravity</b>	21.45 gm/cc
<b>Vapour Pressure</b>	Volatiles considerably in air when heated at 1500 °C.
<b>Flammability</b>	Non flammable.
<b>Molecular Weight</b>	195.08

**10. Stability and reactivity**

<b>Chemical Stability</b>	Stable under normal use conditions. The metal absorbs hydrogen at red heat and retains it tenaciously at ordinary temperature.
<b>Incompatible Materials</b>	Strong oxidising agents, alcohols, boiling water, molten alkali cyanides, halogens, fusion with caustic alkalies, alkali nitrates and alkali peroxides.
<b>Possibility of hazardous reactions</b>	The metal is not soluble in water or mineral acids, but does react with boiling water and molten alkali cyanides, halogens, fusion with caustic alkalies, alkali nitrates and alkali peroxides.



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<b>Hazardous Polymerization</b>	Will not occur.
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**11. Toxicological Information**

<b>Ingestion</b>	May be harmful if swallowed.
<b>Inhalation</b>	May be harmful if inhaled. May cause respiratory tract irritation.
<b>Skin</b>	May be harmful if absorbed through the skin. May cause skin irritation.
<b>Eye</b>	May cause eye irritation.
<b>Carcinogenicity</b>	No evidence of carcinogenic properties.
<b>Mutagenicity</b>	No evidence of mutagenic properties.

**12. Ecological information**

<b>Ecotoxicity</b>	Quantitative data on the ecological effect of this product are not available. No ecological data available for this product.
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**13. Disposal considerations**

<b>Disposal Considerations</b>	Whatever cannot be saved for recovery or recycling should be disposed of according to relevant local, state and federal government regulations.
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**14. Transport information**

<b>Transport Information</b>	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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**15. Regulatory information****16. Other Information**

<b>Literature References</b>	'Standard for the Uniform Scheduling of Medicines and Poisons No. 6', Commonwealth of Australia, February 2015. Lewis, Richard J. Sr. 'Hawley's Condensed Chemical Dictionary 13th. Ed.', Rev., John Wiley and Sons, Inc., NY, 1997. National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.', 2007. Safe Work Australia, 'National Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals', 2011. Standards Australia, 'SAA/SNZ HB 76:2010 Dangerous Goods - Initial Emergency Response Guide', Standards Australia/Standards New Zealand, 2010. Safe Work Australia, 'Approved Criteria for Classifying Hazardous Substances [NOHSC:1008 (2004)]'. Safe Work Australia, 'Hazardous Substances Information System, 2005'. Safe Work Australia, 'National Code of Practice for the Labelling of Safe Work Hazardous Substances (2011)'. Safe Work Australia, 'National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)]'.
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<b>Empirical Formula &amp; Structural Formula</b>	Pt
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