



Infosafe No™	3CH1F	Issue Date : January 2017	RE-ISSUED by CHEMSUPP
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Product Name : **CARBON Activated Powder**

Not classified as hazardous

**1. Identification**

<b>GHS Product Identifier</b>	CARBON Activated Powder		
<b>Company Name</b>	CHEM-SUPPLY PTY LTD (ABN 19 008 264 211)		
<b>Address</b>	38 - 50 Bedford Street GILLMAN SA 5013 Australia		
<b>Telephone/Fax Number</b>	Tel: (08) 8440-2000 Fax: (08) 8440-2001		
<b>Recommended use of the chemical and restrictions on use</b>	Decolourising of sugar, water and air purification, solvent recovery, waste treatment, removal of sulfur dioxide from stack gases and 'clean' rooms, deodorant, removal of jet fumes from airports, catalyst natural-gas purification, brewing, chromium electroplating, air conditioning and laboratory reagent.		
<b>Other Names</b>	<b>Name</b>	<b>Product Code</b>	
	CARBON Activated Powder LR	CL026	
	CARBON Activated Powder TG	CT026	
<b>Other Information</b>	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**

<b>GHS classification of the substance/mixture</b>	Classified as non-Hazardous according to the Globally Harmonised System of classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.
<b>Other Information</b>	Not classified as dangerous goods according to the Australian Dangerous Goods Code (ADG). This product is a combustible material. The ignition point is above 350°C and when ignited, will produce no flame but will glow or smoulder until all combustible material is consumed. Keep away from possible ignition sources.

**3. Composition/information on ingredients**

<b>Chemical Characterization</b>	Solid				
<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>	<b>Hazard Symbol</b>	<b>Risk Phrase</b>
	Carbon black	7440-44-0	100 %		

**4. First-aid measures**

<b>Inhalation</b>	Remove to fresh air. If breathing has stopped, apply artificial respiration. Seek medical advice if effects persist.
<b>Ingestion</b>	Rinse mouth thoroughly with water immediately, repeat until all traces of product have been removed. DO NOT INDUCE VOMITING. Seek medical advice if effects persist.
<b>Skin</b>	Wash with plenty of soap and water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.
<b>Eye contact</b>	Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical attention if concerned.
<b>First Aid Facilities</b>	Maintain eyewash fountain and safety shower in work area.
<b>Advice to Doctor</b>	Treat symptomatically based on judgement of doctor and individual reactions of the patient.
<b>Other Information</b>	For advice, contact the National Poisons Information Centre (Phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor.

**5. Fire-fighting measures**



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<b>Hazards from Combustion Products</b>	May liberate toxic fumes in fire.
<b>Specific Methods</b>	Small fire: Use dry chemical, CO <sub>2</sub> , water spray or foam. Large fire: Use water spray, fog or foam. If safe to do so, move undamaged containers from the fire area. Cool containers with flooding quantities of water until well after the fire is out.
<b>Specific hazards arising from the chemical</b>	May be ignited by friction, heat, sparks or flame.
<b>Precautions in connection with Fire</b>	Wear SCBA and chemical splash suit. Structural firefighter's uniform will provide limited protection.

**6. Accidental release measures**

<b>Personal Precautions</b>	Avoid substance contact. Avoid generation of dusts: do not inhale dusts. Ensure supply of fresh air in enclosed rooms.
<b>Personal Protection</b>	Wear protective clothing specified for normal operations (see Section 8)
<b>Clean-up Methods - Small Spillages</b>	Eliminate all ignition sources (no smoking, flares, sparks or flame). Sweep up (avoid generating dust) and using clean non-sparking tools transfer to a clean, suitable, clearly labelled container for disposal in accordance with local regulations.

**7. Handling and storage**

<b>Precautions for Safe Handling</b>	Avoid generation or accumulation of dusts. Avoid prolonged or repeated contact with skin and eyes. Use in well ventilated areas away from all ignition sources. In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in a cool, dry place. Store in a well ventilated area. Store away from sources of heat or ignition. Store away from oxidizing agents. Activated carbon, mixed with hydrocarbons such as oils, diesel fuel, petrol, organic solvents, paint thinners, grease, etc., is prone to spontaneous combustion. Keep containers closed at all times. Activated carbon, particularly when wet, selectively removes oxygen from air.
<b>Other Information</b>	May spontaneously catch fire if stored in a confined place such as a ship's hold and subjected to high air temperatures (particularly if it becomes wet).

**8. Exposure controls/personal protection**

Occupational exposure limit values	Name	STEL		TWA		Footnote
		mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	
	Carbon black			3		
<b>Other Exposure Information</b>	A time weighted average (TWA) has been established for Carbon black (Safe Work Australia) of 3 mg/m <sup>3</sup> . 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 dust, vapours or mists. Respiratory protection should comply with AS 1716 - Respiratory Protective Devices and be selected in accordance with AS 1715 - Selection, Use and Maintenance of Respiratory Protective Devices. Filter capacity and respirator type depends on exposure levels. In event of emergency or planned entry into unknown concentrations a positive pressure, full-facepiece SCBA should be used. If respiratory protection is required, institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection.					
<b>Eye Protection</b>	The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate.					
<b>Hand Protection</b>	Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336.					
<b>Personal Protective Equipment</b>	Hand protection should comply with AS 2161, Occupational protective gloves - Selection, use and maintenance.					
<b>Footwear</b>	Final choice of personal protective equipment will depend on individual circumstances and/or according to risk assessments undertaken.					
	Safety boots in industrial situations is advisory, foot protection should comply with AS 2210, Occupational protective footwear - Guide to selection, care and use.					



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<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>Form</b>	Solid
<b>Appearance</b>	Black crystalline solid.
<b>Odour</b>	Odourless.
<b>Melting Point</b>	3550°C
<b>Boiling Point</b>	4827°C
<b>Solubility in Water</b>	Negligible.
<b>Specific Gravity</b>	1.8 - 2.1
<b>Vapour Pressure</b>	Not Applicable
<b>Flash Point</b>	Not Applicable
<b>Flammability</b>	Combustible.
<b>Auto-Ignition Temperature</b>	>350°C
<b>Flammable Limits - Lower</b>	Not Applicable
<b>Flammable Limits - Upper</b>	Not Applicable
<b>Molecular Weight</b>	12.01

**10. Stability and reactivity**

<b>Chemical Stability</b>	Stable under normal use conditions.
<b>Incompatible Materials</b>	Reacts with strong oxidising agents, reducing agents.
<b>Hazardous Decomposition Products</b>	May liberate toxic fumes in fire.
<b>Hazardous Polymerization</b>	Will not occur.

**11. Toxicological Information**

<b>Ingestion</b>	Ingestion of material may cause irritation to digestive tract. May be harmful if swallowed.
<b>Inhalation</b>	Inhalation of dust may cause irritation to respiratory tract, leading to bronchitis, emphysema and difficulty in breathing.
<b>Skin</b>	May cause skin irritation. Not absorbed by skin.
<b>Eye</b>	May cause eye irritation.
<b>Carcinogenicity</b>	Classified as a Group 2B: Possibly carcinogenic to humans by the IARC.
<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****Poisons Schedule** Not Scheduled**16. Other Information****Literature  
References**

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 Lewis, Richard J. Sr. 'Hawley's Condensed Chemical Dictionary 13th. Ed.', Rev., John Wiley and Sons, Inc., NY, 1997.  
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 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) 3rd Edition]'.

**Contact  
Person/Point**

Paul McCarthy Ph. (08) 8440 2000 **DISCLAIMER STATEMENT:**  
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