

Infosafe No™ 3CH1F	Issue Date : January 2022	RE-ISSUED by CHEMSUPP
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Product Name **CARBON Activated Powder**

Not classified as hazardous

Section 1 - Identification

Product Identifier CARBON Activated Powder

Company Name CHEMSUPPLY AUSTRALIA PTY LTD (ABN 19 008 264 211)

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Recommended use of the chemical and restrictions on use 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.

Other Names	<u>Name</u>	<u>Product Code</u>
	CARBON Activated Powder LR	CL026
	CARBON Activated Powder TG	CT026

Other Information ChemSupply Australia 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 ChemSupply Australia 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 ChemSupply Australia 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.

Section 2 - Hazard(s) Identification

GHS Classification of the Substance/Mixture Classified as non-Hazardous according to the 7th Edition Globally Harmonised System of classification and labelling of Chemicals (GHS7) including Work, Health and Safety regulations, Australia.
Not classified as dangerous goods according to the Australian Dangerous Goods Code (ADG).

Other Information 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.

Section 3 - Composition and Information on Ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Carbon black	7440-44-0	100 %

Section 4 - First Aid Measures

Inhalation Remove to fresh air. If breathing has stopped, apply artificial respiration. Seek medical advice if effects persist.

Ingestion 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.

Skin Wash with plenty of soap and water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.

Eye Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical attention if concerned.

First Aid Facilities Maintain eyewash fountain and safety shower in work area.

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Advice to Doctor Treat symptomatically based on judgement of doctor and individual reactions of the patient.

Other Information For advice, contact the National Poisons Information Centre (Phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor.

Section 5 - Firefighting Measures

Hazards from Combustion Products May librate toxic fumes in fire.

Specific Methods Small fire: Use dry chemical, CO2, 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.

Specific Hazards Arising from the Chemical May be ignited by friction, heat, sparks or flame.

Precautions in connection with Fire Wear SCBA and chemical splash suit. Structural firefighter's uniform will provide limited protection.

Section 6 - Accidental Release Measures

Personal Precautions Avoid substance contact. Avoid generation of dusts: do not inhale dusts. Ensure supply of fresh air in enclosed rooms.

Personal Protection Wear protective clothing specified for normal operations (see Section 8)

Clean-up Methods - Small Spillages 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.

Section 7 - Handling and Storage

Precautions for Safe Handling 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.

Conditions for safe storage, including any incompatibilities 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.

Other Information 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).

Section 8 - Exposure Controls and Personal Protection

Occupational Exposure Limit (OEL) Values	<u>Name</u>	STEL		TWA		<u>Footnote</u>
		<u>mg/m3</u>	<u>ppm</u>	<u>mg/m3</u>	<u>ppm</u>	
	Carbon black			3		

Other Exposure Information A time weighted average (TWA) has been established for Carbon black (Safe Work Australia) of 3 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.

Engineering Controls 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.

Respiratory Protection 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

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Eye and Face Protection	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.
Hand Protection	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.
Personal Protective Equipment	Hand protection should comply with AS 2161, Occupational protective gloves - Selection, use and maintenance.
Footwear	Final choice of personal protective equipment will depend on individual circumstances and/or according to risk assessments undertaken.
Body Protection	Safety boots in industrial situations is advisory, foot protection should comply with AS 2210, Occupational protective footwear - Guide to selection, care and use.
Hygiene Measures	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.
	Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Section 9 - Physical and Chemical Properties

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

Section 10 - Stability and Reactivity

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

Section 11 - Toxicological Information

Ingestion	Ingestion of material may cause irritation to digestive tract. May be harmful if swallowed.
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Inhalation	Inhalation of dust may cause irritation to respiratory tract, leading to bronchitis, emphysema and difficulty in breathing.
Skin	May cause skin irritation. Not absorbed by skin.
Eye	May cause eye irritation.
Carcinogenicity	Classified as a Group 2B: Possibly carcinogenic to humans by the IARC.
Mutagenicity	No evidence of mutagenic properties.

Section 12 - Ecological Information

Ecotoxicity	Quantitative data on the ecological effect of this product are not available. No ecological data available for this product.
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Section 13 - Disposal Considerations

Disposal Considerations	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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Section 14 - Transport Information

Transport Information	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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Section 15 - Regulatory Information

Poisons Schedule	Not Scheduled
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Section 16 - Any Other Relevant Information

Literature References	'Standard for the Uniform Scheduling of Medicines and Poisons .', Commonwealth of Australia. National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.' Safe Work Australia, 'National Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals'. Standards Australia, 'SAA/SNZ HB 76:2010 Dangerous Goods - Initial Emergency Response Guide', Standards Australia/Standards New Zealand. Safe Work Australia, 'Hazardous Chemical Information System'. Safe Work Australia, 'National Code of Practice for the Labelling of Safe Work Hazardous Substances'. Safe Work Australia, 'National Exposure Standards for Atmospheric Contaminants in the Occupational Environment'.
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Contact Person/Point	Paul McCarthy Ph. (08) 8440 2000 DISCLAIMER STATEMENT: All information provided in this data sheet or by our technical representatives is compiled from the best knowledge available to us. However, since data, safety standards and government regulations are subject to change and the conditions of handling and use, or misuse, are beyond our control, we make no warranty either expressed or implied, with respect to the completeness or accuracy to the information contained herein. ChemSupply Australia Pty Ltd accepts no responsibility whatsoever for its accuracy or for any results that may be obtained by customers from using the data and disclaims all liability for reliance on information provided in this data sheet or by our technical representatives.
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