

## Safety Data Sheet **CARBON Activated Granular**

SDS no. 25KND8BM • Version 1.0 • Date of issue: 2024-12-16

---

### SECTION 1: Identification

#### GHS Product identifier

Product name CARBON Activated Granular

#### Other means of identification

Product Product Code

Activated carbon, Activated charcoal

CARBON Activated Granular LR CL006

#### 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.

#### Supplier's details

Name ChemSupply Australia Pty Ltd  
Address 38-50 Bedford Street  
5013 Gillman South Australia  
Australia

Telephone 08 8440 2000  
email [www.chemsupply.com.au](http://www.chemsupply.com.au)

#### Emergency phone number

CHEMCALL 1800 127 406 (Australia) / +64-4-917-9888 (International)

---

### SECTION 2: Hazard identification

#### General hazard statement

Not classified as dangerous goods according to the Australian Dangerous Goods Code (ADG).

Classified as non-Hazardous according to the Globally Harmonised System of classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

#### Classification of the substance or mixture

GHS classification in accordance with: UN GHS revision 7

**Safety Data Sheet**  
**CARBON Activated Granular**

SDS no. 25KND8BM • Version 1.0 • Date of issue: 2024-12-16

Not a hazardous substance or mixture.

**GHS label elements, including precautionary statements**

Not a hazardous substance or mixture.

**Other hazards which do not result in classification**

Not a hazardous substance or mixture.

---

**SECTION 3: Composition/information on ingredients**

**Mixtures**

Molecular weight: 12.01

**Components**

| Component   | CAS no.   | Concentration  |
|---|-----------|----------------|
| Activated carbon (non-pyrophoric) (EC no.: 215-609-9)           | 7440-44-0 | 100 % (weight) |
| CLASSIFICATIONS: No data available. HAZARDS: No data available. |           |                |

---

**SECTION 4: First-aid measures**

**Description of necessary first-aid measures**

|                         |  |
|-------------------------|--|
| General advice          | For advice, contact a Poisons Information Centre (e.g. phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor (at once).  |
| If inhaled              | If inhaled, remove from contaminated area to fresh air immediately. Apply artificial respiration if not breathing. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.  |
| In case of skin contact | Rinse with plenty of water. Get medical attention if irritation develops and persists.   |
| In case of eye contact  | If contact with the eye(s) occurs, wash with copious amounts of water for approximately 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If persistent irritation occurs, obtain medical attention. |
| If swallowed            | 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.   |

**Most important symptoms/effects, acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

**Indication of immediate medical attention and special treatment needed, if necessary**

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

---

**SECTION 5: Fire-fighting measures**

**Suitable extinguishing media**

Small fire: Use dry chemical, CO<sub>2</sub>, water spray or foam.

Large fire: Use water spray, fog or foam.

# Safety Data Sheet

## CARBON Activated Granular

SDS no. 25KND8BM • Version 1.0 • Date of issue: 2024-12-16

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 liberate toxic fumes in fire including of carbon dioxide and carbon monoxide.

May be ignited by friction, heat, sparks or flame. Vapours, dust or turnings may form explosive mixtures with air. May burn fiercely. May re-ignite after fire is extinguished. Fire may produce irritating, poisonous and/or corrosive gases. Containers may explode when heated. Runoff may pollute waterways.

### Special protective actions for fire-fighters

Wear SCBA and chemical splash suit. Structural firefighter's uniform will provide limited protection.

---

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment. Avoid dust formation. For personal protection see section 8.

### Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks or flame) within at least 15m. Do NOT touch or walk through spilled product. Prevent entry into waterways, drains or confined areas. Prevent dust cloud. Use clean non-sparking tool to collect absorbed material and place into loosely-covered metal or plastic containers for later disposal.

---

## 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. Wash hands and face thoroughly after working with material.

### 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. Keep containers closed at all times.

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/personal protection

### Appropriate engineering controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

### Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face 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.

#### Skin protection

Clean impervious clothing should be worn. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.

**Body protection**

Footwear: Safety boots in industrial situations is advisory, foot protection should comply with AS 2210, Occupational protective footwear - Guide to selection, care and use.

Body Protection: 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.

**Respiratory protection**

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/ mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. Reference should be made to Australian 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.

---

**SECTION 9: Physical and chemical properties**

**Basic physical and chemical properties**

|  |  |
|--|--|
| Physical state   | Solid                                    |
| Appearance   | Black crystalline solid.                 |
| Color  | No data available.                       |
| Odor   | Odourless.                               |
| Odor threshold   | No data available.                       |
| Melting point/freezing point                             | 3550°C                                   |
| Boiling point or initial boiling point and boiling range | No data available.                       |
| Flammability   | No data available.                       |
| Lower and upper explosion limit/flammability limit       | No data available.                       |
| Flash point  | No data available.                       |
| Explosive properties                                     | No data available.                       |
| Auto-ignition temperature                                | No data available.                       |
| Decomposition temperature                                | No data available.                       |
| Oxidizing properties                                     | No data available.                       |
| pH   | No data available.                       |
| Kinematic viscosity                                      | No data available.                       |
| Solubility   | Solubility in Water: Insoluble in water. |
| Partition coefficient n-octanol/water (log value)        | No data available.                       |
| Vapor pressure   | No data available.                       |
| Evaporation rate   | No data available.                       |
| Density and/or relative density                          | Specific Gravity: 1.8 - 2.1              |
| Relative vapor density                                   | No data available.                       |
| Particle characteristics                                 | No data available.                       |

**Supplemental information regarding physical hazard classes**

No data available.

**Further safety characteristics (supplemental)**

No data available.

---

**SECTION 10: Stability and reactivity**

**Reactivity**

Stable under normal conditions of storage and handling.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

Hazardous Polymerization: Will not occur.

**Conditions to avoid**

Exposure to moisture.

Avoid storing in direct sunlight and avoid extremes of temperature.

Heat, flames and sparks.

**Incompatible materials**

Strong oxidising agents (such as ozone, liquid oxygen, chlorine, permanganate) and strong acids..

**Hazardous decomposition products**

May liberate toxic fumes in fire including of carbon dioxide and carbon monoxide.

---

**SECTION 11: Toxicological information**

**Information on toxicological effects**

**Acute toxicity**

Ingestion: May be harmful if swallowed. May contain small amounts of toxic impurities.

Inhalation: Dust may cause irritation to mucous membranes and upper respiratory tract. May be harmful if inhaled.

**Skin corrosion/irritation**

May cause skin irritation and redness. May be harmful if absorbed through the skin.

**Serious eye damage/irritation**

May cause eye irritation, possible reddening.

**Respiratory or skin sensitization**

Not classified based on available information.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**Reproductive toxicity**

Not classified based on available information.

**Specific target organ toxicity (STOT) - single exposure**

Not classified based on available information.

**Specific target organ toxicity (STOT) - repeated exposure**

Not classified based on available information.

**Aspiration hazard**

Not classified based on available information.

**Additional information**

Chronic Effects: Prolonged or repeated exposure to dust may produce pulmonary disorders, leading to silicosis, reduced lung function and in severe cases causing death.

---

**SECTION 12: Ecological information**

---

**SECTION 13: Disposal considerations**

**Disposal methods**

**Product disposal**

Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers.

**Other disposal recommendations**

Do not discharge this material into waterways, drains and sewers.

---

**SECTION 14: Transport information**

**ADG (Road and Rail)**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

---

**SECTION 15: Regulatory information**

**Safety, health and environmental regulations specific for the product in question**

**Australia SUSMP**

Poison Schedule: NS

---

**SECTION 16: Other information**

**Further information/disclaimer**

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.

**Preparation information**

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

**Safety Data Sheet**  
**CARBON Activated Granular**

SDS no. 25KND8BM • Version 1.0 • Date of issue: 2024-12-16

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.

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', July 2020.  
Safe Work Australia, 'National Guide for Classifying Hazardous Chemicals', July 2020.  
Safe Work Australia, Workplace Exposure Standards for Airborne Contaminants, December 2019  
Safe Work Australia, Hazardous Chemical Information System (HCIS), [hcis.safeworkaustralia.gov.au](http://hcis.safeworkaustralia.gov.au)  
IATA, Dangerous Goods Regulations (DGR)  
IMO, International Maritime Dangerous Goods Code (IMDG)