

1. Identification of the material and supplier

Product Name:	ACTIVATED CHARCOAL
Other Name(s):	Activated Charcoal (ECO-1035) Scrubber Assy, Charcoal (H010038) Charcoal Scrubber Assy, O3 Resistant (H010048) Activated Charcoal (850-056500) Charcoal Activated
Recommended Use and Restrictions on Use:	Gas Scrubbing medium NO SPECIFIC RESTRICTIONS ON USE
Supplier:	ECOTECH PTY LTD
ABN:	32 005 752 081
Street Address:	1492 Ferntree Gully Road, Knoxfield, Victoria 3180, AUSTRALIA
Telephone Number:	+61 3 9730 7800
Emergency Number:	13 11 26 Poisons Information Centre 24x7

2. Hazard(s) Identification

2.1 Classification of the substance or mixture

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Based on available information, not classified as hazardous according to criteria of Safe Work Australia; NON-HAZARDOUS SUBSTANCE.

2.2 Label elements

Signal Word	NONE REQUIRED
Pictogram:	NONE REQUIRED
Hazard Statements:	NONE REQUIRED
Precautionary Statements:	NONE REQUIRED

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS).

3. Composition and Information on Ingredients

3.1 Substances/Mixtures

Components	CAS Number	Proportion
Charcoal activated (C)	7440-44-0	100%
No components need to be disclosed according to the applicable regulations.		

4. First Aid Measures

For advice, contact a Poisons Information Centre (e.g. phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor.

4.1 Description of first aid measures

Eye	Flush eyes with water as a precaution.
Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
Skin Contact	Wash off with soap and plenty of water.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water.
First Aid Facilities	Eye wash facilities should be available

4.2 Most important symptoms and effects, both acute and delayed

Overview	The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11
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5. Fire Fighting Measures

5.1 Suitable extinguishing equipment

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

No data available.

5.3 Special protective equipment and precautions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapours, mist or gas.

For personal protection see section 8.

6.2. Environmental precautions

No special environmental precautions required.

6.3. Methods and material for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

For disposal see section 13.

7. Handling and Storage

7.1. Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed.

For precautions see section 2.

7.2. Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

7.3. Specific end use(s)

Apart from the uses mentioned in section 1, no other specific uses are stipulated.

8. Exposure Controls and Personal Protection

8.1. Control parameters

Exposure Standards: Contains no substances with occupational exposure limit values.

8.2. Exposure controls

Engineering controls	General industrial hygiene practice.
Eye/face protection	Use equipment for eye protection tested and approved under appropriate government standards such as AS/NZS 1336.
Skin	Handle with gloves (nitrile rubber). Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Respiratory	Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type P1 dust masks.
Other Work Practices	None specified.

See section 2 for further details. - [Prevention]:

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance	Form: pellets Colour: black
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ACTIVATED CHARCOAL

Odour	odourless
Odour threshold	no data available
pH	6.0 - 9 at 40 g/l at 25 °C
Melting point / freezing point	Melting point/range: 3,550 °C - lit
Initial boiling point and boiling range	no data available
Flash Point	no data available
Evaporation rate (Ether = 1)	no data available
Flammability (solid, gas)	no data available
Upper/lower flammability or explosive limits	no data available
Vapour pressure (Pa)	< 0.01 hPa at 20 °C
Vapour Density	no data available
Specific Gravity	0.250 - 0.600 g/cm ³
Solubility in Water	insoluble
Partition coefficient n-octanol/water (Log Kow)	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity (cSt)	no data available
Explosive properties	no data available
Oxidising properties	no data available

9.2 Other Information

Bulk density	250 - 550 kg/m ³ at 20 °C
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10. Stability and Reactivity

Reactivity	no data available
Chemical Stability	Stable under recommended storage conditions
Possibility of hazardous reactions	no data available
Conditions to avoid	no data available
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Other decomposition products - no data available In the event of fire: see section 5.

11. Toxicological Information

Classification	Category	Hazard description
Acute toxicity	---	no data available LD50 Intravenous - mouse - 440 mg/kg
Skin corrosion/irritation	---	no data available
Serious eye damage/irritation	---	no data available
Respiratory or skin sensitization	---	no data available
Germ cell mutagenicity	---	no data available
Carcinogenicity	---	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity	---	no data available
STOT-single exposure	---	no data available
STOT-repeated exposure	---	no data available
Aspiration hazard	---	no data available
Additional Information	---	RTECS: FF5250100

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. Ecological Information

Toxicity	no data available
Persistence and degradability	no data available
Bioaccumulative potential	no data available
Mobility in soil	no data available
Results of PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
Other adverse effects	no data available

13. Disposal Considerations

13.1. Waste treatment methods

Do not allow into drains or water courses. Wastes and emptied containers should be disposed of in accordance with the relevant local legislation.

14. Transport Information

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

UN Number	None
Proper Shipping Name	None
Transport hazard class	None
Packing Group	None-
Environmental hazards for Transport Purposes	None
Special precautions for user	None
Additional Information	None
HAZCHEM or Emergency Action Code	None

15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Poisons Schedule	None
Chemicals inventory (AICS)	On the inventory, or in compliance with the inventory

16. Other Information

This safety data sheet has been prepared by Ecotech.

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Ecotech cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

REVIEW DATE: 29-MAY-2019