



Riley Equipment Company
6911 Gant Road
Houston, Texas 77066
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(281) 583-5295 Fax: (281) 583-5299

Safety Data Sheet

Virgin Activated Carbon

Section 1: Identification of Substance and Company

Product Name: Virgin Pelletized Activated Carbon (VPAC),
Virgin Powdered Activated Carbon (VPAC),
Virgin Granular Activated Coconut Carbon (VGACC)
Formerly: RSP-60V

Supplier: Riley Equipment
Address: 6911 Gant Rd, Houston, TX 77066
Telephone: 281-583-5295
Fax: 281-583-5299

Section 2: Hazards Identification

HMIS Ratings	NFPA Ratings
Health: 0	Health: 0
Flammability: 1	Flammability: 1
Reactivity: 0	Reactivity: 0

Potential Health Effects

Inhalation: Inhalation of dust may irritate the respiratory tract
Ingestion: May cause mild irritation to digestive track resulting in nausea or diarrhea
Skin Contact: May cause mild irritation, possible reddening
Eye Contact: May cause mild irritation, possible reddening

Section 3: Composition/Information on Ingredients

CAS No.: 7440-44-0

Section 4: First Aid Measures

Specific Measures

Inhalation: Move to fresh air. Get medical attention for any breathing difficulty

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- Ingestion: Rinse mouth with water, drink plenty of water. Never give anything by mouth (oral) to an unconscious person. Seek medical attention.
- Skin Contact: Remove contaminated clothing. Wash with water for at least 15 minutes. Contact a physician if necessary.
- Eye Contact: Flush eyes with water for 15 minutes, lifting lower and upper eyelids occasionally. Contact ophthalmologist.

Section 5: Firefighting Measures

- Fire Extinguishing: Any mean suitable for extinguishing surrounding fire
- Specific Hazards: As with most organic solids, fire is possible at elevated temperatures or by contact with ignition source. Activated carbon is difficult to ignite and tends to burn slowly without producing smoke or flame.
Carbon monoxide and carbon dioxide gas may be emitted upon combustion of material.
Contact with strong oxidizers such as ozone or liquid oxygen may cause rapid combustion.

Media Special

- Protective Equipment: Use self-contained breathing apparatus. Wear protective clothing.

Section 6: Accidental Release Measures

- Personal Precautions: Ventilate the area. Avoid substance contact. Avoid dust generation. Use personal protective equipment.
- Environmental Precautions: Do not discharge into drains. Avoid surface and ground water contamination.
- Methods for Cleanup: Pick up the dry product mechanically and store in suitable containers for recovery or disposal. Avoid raising dusts.

Section 7: Handling and Storage

Safe Handling

- Procedures: Minimize dust generation. Avoid contact with eyes and skin. Protect containers from damage.

Storage

- Special Requirements: Reseal carefully any opened container and set upright to avoid leakage. Keep product in original containers
- Storage Conditions: Keep away from oxidizers, heat or flames. Keep product dry in containers tightly closed, in well ventilated and cool places.

Section 8: Exposure Controls/Personal Protection

Personal Protective

- Equipment: Wear personal respirators in case of insufficient ventilation. Wear dust mask, nitrile gloves, long sleeve shirt, protective clothing as needed, and chemical safety goggles.

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Hygiene Measures: Do not drink, eat, or smoke during product manipulation. Keep away from foodstuffs and beverages. Wash hands before breaks and after work.

Section 9: Physical and Chemical Properties

Physical Form: Granular or powder
Color: Black
Odor: None
pH: N/A
Melting Point: N/A
Boiling Point: N/A
Water Solubility: Not Soluble

Section 10: Stability and Reactivity

Stability: Stable under normal storage and temperature conditions.
Conditions to avoid: Alkali metals and strong oxidizers such as ozone, oxygen, permanganate, chlorine.
Hazardous Decomposition
Products: Carbon monoxide and carbon dioxide gas may be generated during combustion of this material.

Section 11: Toxicological Information

Signs/Symptoms of
Exposure: Irritation and redness of eyes, irritation of skin and respiratory system may result from exposure to carbon dust.
Chronic Effects: Not determined.

Section 12: Ecological Information

No data available

Section 13: Disposal Considerations

Residues: Licensed professional waste disposal service is required. Dispose of waste according to all federal, state, and local regulations.
Empty Packaging: Empty containers may be reused after appropriate cleansing. Packing that cannot be cleaned should be disposed in agreement with the regional waste disposal company.

Section 14: Transport Information

No Rail & Road DOT – Sea (No IMDG Code) – Air (No IATA)

Proper Shipping Name Not Regulated
UN Number None
Class None
Packaging Group None

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Hazard Label

None

Section 15: Regulatory Information

Labelling According to EC Directives

R Phrases	36	Irritating to the eyes
	37	Irritating to the respiratory system
	38	Irritating to the skin

Section 16: Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Riley Equipment be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Riley Equipment has been advised of the possibility of such damages.

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