



Riley Equipment Company
6911 Gant Road
Houston, Texas 77066
recogroup@sbcglobal.net
(281) 583-5295 Fax: (281) 583-5299

Safety Data Sheet

RHG Impregnated Activated Carbon

Section 1: Identification of Substance and Company

Product Name: RHG Impregnated Pelletized Activated Carbon (PAC- RHG)
Formerly: RHG
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: 3	Health: 3
Flammability: 0	Flammability: 0
Reactivity: 1	Reactivity: 1

Potential Health Effects

Inhalation: Inhalation of dust irritates the respiratory tract. Continuous inhalation may cause lung damage
Ingestion: Hazardous in case of ingestion
Skin Contact: May cause irritation or burns
Eye Contact: May cause irritation

Section 3: Composition/Information on Ingredients

Chemical Name: Potassium Tri-Iodide (KI₃)
Molecular Weight: <=15

Section 4: First Aid Measures

General Info

In case of adverse effects consult a physician

Specific Measures

Inhalation: Move to fresh air. Get medical attention for any breathing difficulty
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: Non-flammable unless stored with strong oxidizers

Fire Extinguishing: Any mean suitable for extinguishing surrounding fire

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 Minimize dust generation. Avoid contact with eyes and skin

Procedures:

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 and flame. 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, and chemical safety goggles

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: Solid

Color: Black

Odor: None

pH: N/A

Melting Point: N/A

Boiling Point: N/A

Water Solubility: Impregnate is soluble

Section 10: Stability and Reactivity

Stability: Stable under normal storage and temperature conditions.
Conditions to avoid: Strong oxidizers such as ozone or liquid oxygen, chlorine, and Alkali metals
Hazardous Decomposition
Products: Carbon Monoxides and carbon dioxides may be generated during combustion, thermal oxidation can produce toxic fumes of potassium oxide

Section 11: Toxicological Information

No data available

Section 12: Ecological Information

No data available

Section 13: Disposal Considerations

Residues: Licensed professional waste disposal service is required. Disposal 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

Ship in accordance with DOT/ADR/RID/ADNR/IMDP/ICAO/IATA

Section 15: Regulatory Information

N/A

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.