



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

Safety Data Sheet

R-200

Section 1: Identification of Substance and Company

Product Name: R-200
Supplier: Riley Equipment
Address: 6911 Gant Rd, Houston, TX 77066
Telephone: 281-583-5295
Fax: 281-583-5299

Section 2: Hazards Identification

Emergency Overview

May cause irritation due to exposure.

HMIS Ratings	NFPA Ratings
Health: N/A	Health: N/A
Flammability: N/A	Flammability: N/A
Reactivity: N/A	Reactivity: N/A

Potential Health Effects

Inhalation: May cause irritation. Prolonged exposure above threshold limit may cause lung irritation and central nervous system disorders
Ingestion: May cause irritation.
Skin Contact: May cause irritation, may stain clothing.
Eye Contact: May cause irritation.

Section 3: Composition/Information on Ingredients

Chemical Name: KMnO₄
CAS No.: 7722-64-7, 1344-28-1

Section 4: First Aid Measures

General Info

In case of adverse effects consult a physician

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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 if irritation persists.

Section 5: Firefighting Measures

- Fire: Noncombustible, but will support combustion
- Fire Extinguishing: Any mean suitable, large quantities of water
- Media Special
- Protective Equipment: Use self-contained breathing apparatus. Wear protective clothing.

Section 6: Accidental Release Measures

- Personal Precautions: Have water ready for potential use on skin or eyes if exposed
- Environmental Precautions: Deactivate potassium permanganate with 10% sodium thiosulfate solution. Decant aqueous portion to sewer if permitted by Federal, state, and local regulators. Deposit in permitted landfill.
- Methods for Cleanup: Sweep up main portion, flush floors with water into sewer if permitted by Federal, state, and local regulations.

Section 7: Handling and Storage

- Handling
- Special Procedures: None
- Safe Handling: Avoid contact with eyes and skin
- Procedures:
- Special Advice: Do not handle close to strong acids, easily oxidized matter, or reducing matter
- Storage
- Special Requirements: Do not store in intense heat (200 Celsius+)
- Storage Conditions: Keep away from acids and other substances incompatible with bases. Keep product in well ventilated and cool places

Section 8: Exposure Controls/Personal Protection

- Personal Protective
- Equipment: Provide sufficient mechanical/local exhaust to maintain exposure levels below threshold limit values. Wear a respirator, safety glasses, and rubber or plastic gloves
- 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: Spheres
Color: Purple
Odor: None
Melting Point: Decomposes after 200 degrees Celsius
Boiling Point: N/A
Specific Gravity: Bulk density 3.3 g/cm³
Water Solubility: Potassium permanganate content can be leached from spheres

Section 10: Stability and Reactivity

Stability: Stable under normal storage and temperature conditions
Conditions to avoid: Strong acids, easily oxidized matter, or reducing matter Hazardous
Decomposition, high temperature (200 Celsius+)
Products: Hydrochloric acid, toxic chlorine gas will evolve

Section 11: Toxicological Information

No data available

Section 12: Ecological Information

No data available

Section 13: Disposal Considerations

Residues: Deactivate potassium permanganate with 10% sodium thiosulfate solution.
Decant aqueous portion to sewer if permitted by Federal, state, and local regulators. Deposit in permitted landfill. 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

Rail & Road DOT – Sea (IMDG Code) – Air (IATA)

Proper Shipping Name Alumina, hydrated

UN Number N/A

Class N/A

Notice: R200 Air Filtration Media contains 1-2% manganese compounds (CAS Reg. No. N/A) as part of a mixture and is subject to the reporting requirements of Section 313 of the Title III Superfund Amendments and Reauthorization Act of 1986 and 40CFR Part 372.

Section 15: Regulatory Information

N/A

Section 16: Other Information

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