



江苏丰山集团有限公司

JIANGSU FENGSHAN GROUP CO., LTD.

MATERIAL SAFETY DATA SHEET

1. Chemical Product Identification

Manufactory: Jiangsu Fengshan Group Co., Ltd.

Address: Caomiao Town, Dafeng City, Jiangsu Province, China.

Tel: +86-515-83374837

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Product Name: Paraquat 42% Tech

2. Composition / Information on Ingredients

Composition	CAS No.	Content %
Paraquat	1910-42-5	42%
Other ingredients	—	58%.

3. Hazards Identification

Symptoms of acute exposure: Irritant to skin and eye. May be fatal if swallowed. Harmful if absorbed through skin. Causes substantial but temporary eye injury.

4. First Aid Measures

Eye: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Get medical aid. Flush skin with plenty of water and soap for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops and persists.

Ingestion: Get medical aid immediately. Wash mouth out with water.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

5. Fire-Fighting Measures

Flammability: Combustible liquid

In Case of Fire: use appropriate extinguishing media for combustibles in the area. Wear full protective clothing and self-contained breathing apparatus. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke or products of



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combustion. Prevent use of contaminated buildings, area, and equipment until decontaminated. Water runoff can cause environmental damage. If water is used to fight fire, dike and collect runoff.

6. Accidental Release Measures

In Case of Spill or Leak: Control the spill at its source. Contain the spill to prevent from spreading or contaminating soil or from entering sewage and drainage systems or any body of water. Clean up spills immediately, observing precautions. Cover entire spill with absorbing material and place into compatible disposal container. Scrub area with hard water detergent. Pick up wash liquid with additional absorbent and place into compatible disposal container. Once all material is cleaned up and placed in a disposal container, seal container and arrange for disposition.

7. Handling and Storage

Store the material in a well-ventilated, secure area out of reach of children and domestic animals. Do not store food, beverages or tobacco products in the storage area. Prevent eating, drinking, tobacco use, and cosmetic application in areas where there is a potential for exposure to the material.

8. Personal Protection

Eye Protection: Goggles or face-shield

Hand Protection: Chemical-resistant gloves

Body Protection: Heavy duty cotton or synthetic fabric working clothes (e.g. overalls).

Precautionary measures after work: Wash thoroughly (shower, bathe, wash hair). Change clothing. Thoroughly clean protective gear. Thoroughly clean contaminated equipment with soap or soda solution.

9. Physical and Chemical Properties

Form: liquid

Color: Blue and green

Specific Gravity/Density: 1.24

Water Solubility: Not available

Vapor Pressure: <0.1 mPa (25 °C)



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10. Stability and Reactivity

Stability: stable under ordinary conditions of use and storage.

Hazardous Polymerization: will not occur.

Conditions to Avoid: stable in acidic and neutral solution. Decomposed by alkali and in the presence of U.V. light. Compound inactivated by adsorption onto inert clay.

Materials to Avoid: hydrolyzes in alkaline media. This product reacts with aluminum to produce hydrogen gas. Do not mix or store in containers or systems made of aluminum or having aluminum fittings.

11. Toxicological Information

Acute oral LD50: 205mg/kg for rats

Acute dermal LD50: 500mg/kg for rats and 235mg/kg for rabbits

Skin and Eye irritation: moderately irritant for rabbits

Skin sensitization: not a skin sensitizer in animal tests.

12. Ecological and Ecotoxicological Information

Birds: slightly toxic, LC50 (5d) is 981mg/kg for bobwhites, 4048mg/kg for mallard birds

Fish: slightly toxic, LC50 (96h) is 32mg/l for rainbow trout

Bees: non-toxic, LD50 (72h) :36µg/bee (contact), 50µg/bee (oral)

13. Disposal Considerations

Do not reuse product containers. Dispose of product containers, waste containers, and residues according to local, state, and federal health and environmental regulations.

14. Transport Information

HazardClass: 6

UN Number: 2922

Packing Group: III

15. Regulatory Information

Not available

16. Other Information

All information and instructions provided in this Material Safety Data Sheet (MSDS) are based on the current state of scientific and technical knowledge at



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the date indicated on the present MSDS and are presented in good faith and believed to be correct. This information applies to the product as such. In case of new formulations or mixes, it is necessary to ascertain that a new danger will not appear. It is the responsibility of persons on receipt of this MSDS to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produce formulations containing this product, it is the recipients sole responsibility to ensure the transfer of all relevant information from this MSDS to their own MSDS.