

MATERIAL SAFETY DATA SHEET

Issued Date: 06-15-2021

Product Name: Vegetable Orange Powder WS375

Product Code: 300110

1. Identification

Product Name	Vegetable Orange Powder WS375
Supplier	FoodRGB Inc 3860 East Eagle Dr., Suite B Anaheim, CA 92807 E: admin@foodrgb.com T: 408 888 7023
Manufacturer	FoodRGB Inc 3860 East Eagle Dr., Suite B Anaheim, CA 92807 E: admin@foodrgb.com T: 408 888 7023
Intended Uses	Food Additive, Food Colorant, Dietary Supplement

2. Hazards Identification

Classification	Approved food additive: 21 CFR 73.30 (USA), E160b (EC) No dangerous components according to Regulation EC 1907/2006.
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3. Composition / Information on Ingredient

Chemical Name	CAS No.
Annatto Extract (Norbixin)	542-40-5
Maltodextrin	9050-36-6
Potassium Hydroxide	1310-58-3
Sodium Hydroxide	1310-73-2

4. First Aid Measures

Eye Contact	Rinse immediately with running water.
Skin Contact	Wash immediately with soap and plenty of water.
Ingestion	Rinse your mouth thoroughly and drink large quantities of water.
Inhalation	Remove to fresh air and treat symptomatically.

5. Fire Fighting Measures

Flash Point	Not determined
Auto-Ignition Temp.	Not determined
Flammability	Stable under normal conditions.
Extinguishing Media	Suitable: Foam, Carbon Dioxide, or a dry chemical powder.
Firefighting	Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Flash Point	Not determined

6. Accidental Release Measures

Procedure for Personal Precaution	Avoid ingestion or contact with skin, nose, mouth, and eyes. Follow good industrial practices as to housekeeping, personal hygiene, and avoid prolonged or repeated contact with the skin, nose, mouth, or eyes. Wear eye protection, nose and mouth protection, gloves, and aprons. Ventilate the area well.
Methods for Cleaning Up	Collect spills with inert absorbent and dispose of them in accordance with federal, state, and local regulations. Flush afterward with plenty of water and soap.

7. Handling and Storage

Handling	Avoid ingestion or contact with skin, nose, mouth, and eyes. Follow good industrial practices as to housekeeping and personal hygiene.
Storage	Store in a cool, dry, dark, well-ventilated place. Keep away from heat and sources of ignition. Keep the container tightly closed.

8. Exposure Controls / Personal Protection

Engineering Controls	Avoid ingestion or contact with skin, nose, mouth, and eyes. Follow good industrial practices as to housekeeping and personal hygiene.
Special safety and hygiene measures	Respiratory protection: personal respiratory protection is recommended as the dust can be irritating; Hand protection: wear gloves; Eye protection: Wear goggles. Skin protection: Protective clothing.
Engineering Controls	Avoid ingestion or contact with skin, nose, mouth, and eyes. Follow good industrial practices as to housekeeping and personal hygiene.

9. Physical and Chemical Properties

Physical State	Powder
Color	Orange
Odor	Characteristic
Solubility	Soluble in water
Melting Point Range	Not Determined
Initial Boiling Point	Not Determined
Vapor Pressure	Not Determined
Relative Density	Not Determined

10. Stability and Reactivity

Stability	Stable for 24 months, stored under proper conditions.
Conditions to avoid	Light, moisture, heat, air.
Substances to avoid	Metal containers, strong oxidants, strong reducing agents.

11. Toxicological Information

Routes of Entry	Dermal contact, eye contact, inhalation, and ingestion
Toxicity to Animals	Not Determined. The substance is thought to pose a little risk as long as proper safety precautions are followed.
Chronic Effects on Humans	Not Determined. The substance is thought to pose a little risk as long as proper safety precautions are followed.

12. Ecological Information

Ecotoxicity	Not Determined
BOD5 and COD	Not Determined
Further Information on Ecology	Biodegradable and poses no risk to the environment.

13. Disposal Considerations

Disposal Treatment Methods	Dispose of in accordance with federal, state, and local regulations.
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14. Transportation Information

DOT	Not regulated
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15. Regulatory Information

SARA Listed

US Federal Regulatory Information- No components are listed as hazardous materials and/or present as defined in OSHA 29 CFR 1910.1200 Designation according to EC Guidelines: This product is not subject to identification regulations under EC Directives.

Europe

Please check the consequences of national regulations on produce according to direct 67/548/EC. There are no substances present within the products supplied to you considered to be of Very High Concern (SVHC), or included on the "Candidate List" as defined by REACH. Polythene liner utilized as the Contact/Primary Packaging material is classified as suitable for Food Grade use.

16. Other Information

Disclaimer: This certificate is provided in hard copy or electronic format for our customers' guidance and convenience. Refer any questions concerning the data contained herein to the sender at 408-564-2698. The results contained herein were based upon analysis according to the methods used by FoodRGB, Inc. at the time the samples were received at the laboratory. This data is provided without guarantee or warranty and disclaiming any liabilities incurred from the use thereof. Customers assume all responsibility for inspection of material upon delivery or prior to use to establish suitability for their needs and systems. Nothing contained herein is to be construed as a recommendation for use, including without limitation, any use in a commercial process not under the control of FoodRGB, Inc. or for use in violation of any existing patent, foreign or domestic, or applicable laws and regulations.