



Safety Data Sheet

Issue Date: 11/25/2024

Revision Date: N/a

Version: 1

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product Name: Muscle

Trade Name and Synonyms: Muscle

Recommended use of the chemical and restrictions on use

Recommended use: Agriculture / Horticultural use.
Liquid Fertilizer – Refer to Product Label

Details of the supplier of the safety data sheet

Company

Regal Chemical Company

P.O. Box 900

Alpharetta, GA 30009

Emergency telephone number

Company Telephone: (770) 475-4837

Emergency Telephone: Chemtrec 1-800-262-8200

2. Hazardous Identification

Classification: This product is not considered hazardous by the OSHA Hazard Communication Standard.

Signal Word (OSHA): N/a

Hazard Statements: N/a

Hazard Symbols: N/a

Precautionary Statements: N/a

Other Hazard Statements: N/a

3. Composition/Information on Ingredients

| Chemical Name | Common Name | CAS Number | Concentration |
|---------------------------|--------------------|-------------------|----------------------|
| Hydrolyzed brewers yeast. | N/a | Not applicable | N/a |

*Components not listed are either non-hazardous or are below reportable limits.

4. First Aid Measures

First aid measures:

Ingestion: Rinse mouth out. Get medical attention if symptoms occur.

Eye Contact: In case of contact, immediately flush with water for at least 15 minutes. Seek medical attention if irritation develops or persists.



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Skin Contact: Remove contaminated clothing. Wash affected area with soap and water for at least 5 to 15 minutes. Seek medical attention if irritation develops.

Inhalation: If inhaled, remove to fresh air. If no breathing, give artificial respiration and seek medical attention.

Most Important systems and effects, both acute and delayed: No additional information available.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

5. Fire-Fighting Measures

Suitable extinguishing media: Use media that is appropriate to treat surrounding fire. Consider water spray or fog, carbon dioxide, dry chemical powder or foam.

Specific Hazards: Product is non-reactive under normal conditions of use, storage, and transport.

Special protective equipment and precautions for firefighters: Wear protective clothing and equipment suitable for the surrounding fire, including helmet, face mask, and self-contained breathing apparatus.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear appropriate personal protective equipment.

Eyes: Wear eye/face safety glasses when eye contact is possible.

Skin: Rubber or latex gloves recommended for prolonged exposure.

Respiratory: Under normal conditions of use, inhalation of this product is unlikely. Use appropriate NIOSH approved respiratory protection.

General: There are no known hazards associated with this product when used as recommended. Use good hygiene practices when handling this material including changing and laundering work clothes after use. Wash with soap and water after handling.

Methods and material for containment and cleaning up:

Methods for Containment: No special precautions.

Methods for Clean-Up: Sweep, shovel, or vacuum up the material. Use caution as product may be slippery when wet. Keep product out of sewage and draining systems and all bodies of water. Clean up spills immediately. Ventilate the contaminated area. Thoroughly wash the area with water after a spill.

Other Information: Regulations vary. All waste material should be packaged, labeled and disposed of in accordance with federal and local regulations. Consult local authorities before disposal.

7. Handling and Storage



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Precautions for safe handling: Avoid contact and inhalation. Do not get in eyes, on skin, on clothing. Wash thoroughly with soap and water after handling. The use of respiratory protection is advised when concentrations exceed any established exposure limits.

Conditions for safe storage, including any incompatibilities: Keep in a tightly closed container, stored in a cooled, dry, ventilated area. Opened containers should be resealed. Do not store diluted product.

8. Exposure Controls/Personal Protection

Appropriate engineering controls:

Engineering Controls: Use ventilation to keep exposure to airborne contaminants below the exposure limits.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek medical attention.

Eye Contact: In case of contact, immediately flush with water for at least 15 minutes. Seek medical attention if irritation develops or persists.

Skin Contact: Remove contaminated clothing. Wash affected area with soap and water for at least 5 to 15 minutes. Seek medical attention if irritation develops.

Inhalation: If inhaled, remove to fresh air. If no breathing, give artificial respiration and seek medical attention.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance: Thick brown liquid

Odor: No discernible odor

Odor Threshold: Not available

| <u>Property</u> | <u>Values</u> |
|----------------------------------------|---------------|
| pH: | N/a |
| Melting point / Freezing Point | N/a |
| Boiling Point / Boiling Range | N/a |
| Flash Point (Test Method) | N/a |
| Flammability (solid, gas) | N/a |
| Flammability Limits (% in air) | N/a |
| Vapor Pressure | N/a |
| Vapor Density | N/a |
| Relative Density | N/a |
| Solubility(ies) | N/a |
| Partition Coefficient: n-octanol/water | N/a |
| Autoignition Temperature | N/a |



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13. Disposal Considerations

Waste treatment methods

Disposal of wastes: Consult local, state and/or provincial environmental regulatory authorities for acceptable disposal procedures and locations.

14. Transport Information

DOT: This product is not regulated for shipping by DOT.

15. Regulatory Information

U.S. EPA Label Information: Not applicable

International Regulations

Canada: No additional information available

EU: No additional information available

National Regulations: No additional information available

Other: No addition information available

16. Other Information

NFPA

Fire 1
Reactivity 0

Hazard scale:

0 = Minimal

1 = Slight

2 = Moderate

3 = Serious

4 = Severe

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Decomposition Temperature

N/a

Viscosity

N/a

Other

N/a

10. Stability and Reactivity

Reactivity:

Chemical Stability: Stable and non-reactive under ordinary conditions of use and storage (70°F [21°C], 1 atm).

Hazardous Polymerization:

Conditions to Avoid: Heat and/or moisture

Incompatible Materials: None identified

Hazardous Decomposition Products: Evolves carbon dioxide, carbon monoxide or hydrocarbon fumes upon combustion or if heated to decomposition.

11. Toxicological Information

Health effects information

Likely routes of exposure: Not available

Symptoms of exposure:

Inhalation: Use appropriate NIOSH approved respiratory protection.

Skin: Prolonged exposure may cause skin irritation.

Eyes: May cause slight irritation.

Ingestion: Small amounts are not likely to cause damage. Seek medical attention if large amount is ingested.

Chronic Health Effects: Not identified.

Delayed, immediate and chronic effects of exposure: Not available

Numerical measures of toxicity (Acute toxicity/irritation studies (finished product))

Ingestion: Not classified

Dermal: Not classified

Inhalation: Not classified

Eye contact: Not classified

Skin Contact: Not classified

Skin Sensitization: Not classified

Reproductive/Developmental Effects: Not classified

Chronic/Subchronic Toxicity Studies: Not classified

12. Ecological Information

Ecotoxicity: Product is not considered harmful to aquatic organisms. Not known to cause long-term adverse effects in the environment.