Magic Valley Microbials

MVM

MVM ELECTROLYTES

SAFETY DATA SHEET

Section 1 – Identification

Produced For: Magic Valley Microbials
3586 Highway 93
Twin Falls, ID 83301
Phone: 208-735-2120

Product Identifier:
Form – Mixture
Name – MVM Electrolytes

Intended Use of Product: Animal Nutrition

Section 2 – Hazard Identification

Classification: (GHS-US) Not Classified

Label Elements: GHS-US Labeling – No labeling applicable

Other Hazards: May release carbon oxides and/or nitrogen oxides when exposed to excessive heat. May cause serious eye irritation.

Acute Toxicity (GHS-US): Unknown

Section 3 – Composition/Information on Ingredients

This product contains a blend of feed and/or foodstuffs. All ingredients contained in this product are defined as feed ingredients by the Association of American Feed Control Officials (AAFCO). All ingredients are used in accordance with the definitions provided for by AAFCO.

Water . . . . . CAS NO 7732-18-5 . . . . . Classification (GHS-US) Not Classified
Dextrose. . . . . CAS NO 50-99-7 . . . . . Classification (GHS-US) Combustible Dust
Sodium Acetate, Anhydrous . . . . CAS NO 127-09-3 . . . . . Classification (GHS-US) Combustible Dust
Sodium Chloride . . . . . CAS NO 7647-14-5. . . . . Classification (GHS-US) Not Classified
Potassium Chloride . . . . . CAS NO 7447-40-7. . . . . Classification (GHS-US) Skin & Eye Irritation
Coconut Flavor . . . . . CAS NO – Not Available . . . . Classification (GHS-US) Serious Eye Irritation
Food Blue Color . . . . . CAS NO – 3844-45-9 . . . . . Classification (GHS-US) Not Classified

Magic Valley Microbials

MVM

MVM ELECTROLYTES

SAFETY DATA SHEET

Section 4 – First Aid Measure

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medicatl advice (show the label where possible).
Inhalation: Using the proper respiratory protection, move the exposed person to fresh air at once. Encourage exposed person to cough, spit out, and blow nose to remove dust, Immediately call a poison center, physician or emergency medical service.
Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists. Wash contaminated clothing before reuse.
Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
If Swallowed: Rinse mouth. DO NOT induce vomiting. Obtain Medical attention.

Important Symptoms and Effects / Acute & Delayed:
General: Not expected to present a significant hazard under anticipated conditions of normal use.
Inhalation: None Known
Skin Contact: Prolonged exposure may cause mechanical irritation.
Eye Contact: May cause irritation to eyes.
Ingestion: The hypertonic solution may cause gastrointestinal tract upset.
Chronic Symptoms: None Known

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

Section 5 – Fire Fighting Measures

Hazardous Combustible Products: Carbon oxides, nitrogen oxides.

Special Fire Fighting Procedures: Wear full protective clothing and NIOSH approved sel-contained breathing apparatus with a full face piece operated in the positive pressure or pressure demand mode.

Unusual Fire and Explosion Hazards: Not Available

M V M
3586 Highway 93
Twin Falls, ID 83303
1.208.735.2120

Magic Valley Microbials

MVM

MVM ELECTROLYTES

SAFETY DATA SHEET

Section 6 – Accidental Release Measures

Personal Precautions, Protective Equipment & Emergency Procedures

General Measures – Avoid prolonged contact with eyes, skinand clothing. Avoid breathing dust. Avoid generating dust. Remove ignition sources. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. NO SMOKING

Non-Emergency Personnel – *Protective Equipment*: Use appropriate personal protection equipment (PPC).

Emergency Procedures: Evacuate Unnecessary Personnel.

For Emergency Personnel – *Protective Equipment:* Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained.

Environmental Precautions – Prevent entry to sewers and public water.

Methods & Material for Containment & Clean Up – *For Containment:* Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams. Avoid generation of dust during clean-up of spills.

For Cleanup: Clean up spills immediately and dispose of waste safely. Contact competent authorities after a spill. Use explosion proof vacuum during cleanup with appropriate filter. Do not mix with other materials. Vacuum clean-up is preferred. If sweeping is required use a dust suppressant. Use only non-sparking tools.

Section 7 – Handling and Storage

Precautions - For hygiene measures handle in accordance with good industrial hygiene and safety procedures.
Conditions - For storage keep container closed when not in use. Store in a dry, cool place. Keep stored away from direct sunlight, extremely high or low temperatures and incompatible materials. Relative humidity should not exceed 75%.
Incompatible Materials - Strong acids, strong bases strong oxidizers.
Storage Temperatures - <32˚C (<90˚F)
Specific End Use(s) – Animal Nutrition

M V M
3586 Highway 93
Twin Falls, ID 83303
1.208.735.2120

Magic Valley Microbials

MVM

MVM ELECTROLYTES

SAFETY DATA SHEET

Section 8 – Exposure Controls/Personal Protection

There is no OSHA PEL or ACHIH TLV for this product.

Exposure Controls:

Appropriate Engineering Controls – Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Proper grounding procedures to avoid static electricity should be followed.

Personal Protective Equipment – Gloves, Protective Clothing, Protective Goggles.

Materials for Protective Clothing – Wear suitable protective clothing.

Hand Protection – Wear protective gloves.

Eye Protection – Chemical safety goggles.

Respiratory Protection – If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

Section 9 – Physical and Chemical Properties

Physical State	Liquid
Appearance	Blue
Odor	Mild Coconut Flavor
Odor Threshold	Not Applicable
pH	7.4 – 8.0 at 25° C
Evaporation Rate	Not Available
Melting Point	Not Available
Freezing Point	Not Available
Boiling Point	Not Available
Flash Point	Not Available
Auto – Ignition Temperature	Not Available
Decomposition Temperature	Not Available
Flammability (solid gas)	Not Available
Lower Explosive Limit	Not Available
Upper Explosive Limit	Not Available

M V M

3586 Highway 93
Twin Falls, ID 83303
1.208.735.2120

Vapor Pressure . . . . . Not Available
Relative Vapor Density at 20˚ C . . . . . Not Available
Relative Density . . . . . Not Available
Specific Gravity / Density . . . . . Not Available
Solubility . . . . . Soluble in Water
Partition Coefficient N-Octanol/Water . . . . . Not Available
Viscosity . . . . . Not Available
Explosion Data:
Sensitivity to Mechanical Impact . . Not expected to present an explosion hazard due to mechanical impact.
Sensitivity to Static Discharge . . . . Not Available

Reactivity – Hazardous reactions will not occur under normal conditions.

Section 10 – Stability and Reactivity

Chemical Stability: Stable under recommended handling and storage conditions.
Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
Conditions to Avoid: Direct sunlight, extremely high or low temperatures, and incompatible materials. Sparks, heat, open flame and other sources of ignition.
Incompatible Materials: Strong acids, strong bases, strong oxidizers.
Hazardous Decomposition Products: Thermal decomposition generates-carbon oxides, nitrogen oxides.

Section 11 – Toxicological Information

Acuate Toxicity – Not Classified
LD50 & LC50 Data – Not Available
Skin Corrosion/Irritation – Yes
Eye Damage/Irritation – Yes
Respiratory or Skin Sensitization – Yes
Germ Cell Mutagenicity – Not Classified
Teratogenicity – Not Classified
Carcinogenicity – Not Classified Specific
Target Organ Toxicity (Repeated Exposure) – Not Classified
Reproductive Toxicity – Not Classified Specific
Target Organ Toxicity (Single Exposure) – Not Classified

Aspiration Hazard – Not Classified
Symptoms/Injuries After Inhalation – Not Classified
Symptoms/Injuries After Skin Contact – May cause irritation to skin.
Symptoms/Injuries After Eye Contact – May cause irritation to eyes.
Symptoms/Injuries After Ingestion – Ingestion of hypertonic solution may cause inflammation of gastrointestinal tract manifest by vomiting and diarrhea, muscular disorder, convulsions, dehydration and congestion of organs.
Chronic Symptoms – None Known

Section 12 – Ecological Information

Ecology – General: Not Classified
Persistence & Degradability: Not Established
Bio Accumulative Potential: Not Established
Mobility in Soil: Not Available
Other Adverse Effects: Not Established

Section 13 – Disposal Considerations

Dispose of contents/container in accordance with local, regional and national regulations.

Section 14 – Transport Information

In Accordance with DOT – Not Regulated for Transport
In Accordance with IMDG – Not Regulated for Transport
In Accordance with IATA – Not Regulated for Transport
In Accordance with TDG – Not Regulated for Transport

Transport as an inactive, animal feed-grade product.
NMFC Code: 60
Non-Hazardous & No Refrigeration Required

Magic Valley Microbials

MVM

MVM ELECTROLYTES

SAFETY DATA SHEET

Section 15 – Regulatory Information

Federal Regulations – Section (b)(5)(iii) of (CFR 1910.1200) exempts food, including feed and therefore any associated feed dusts, from the labeling requirements of the HCS since the food/feed is subject to the labeling requirements of the Food and Drug Administration.

State Regulations – Neither this product nor its chemical components appear on any US state lists.

Other Information

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

SDS Revision Date: 09/19/2023

The information contained herein is believed to be true and correct. However, the accuracy or completeness of this information and any recommendations or suggestions are made without warranty or guarantee. Since the conditions of use are beyond the control of Magic Valley Powder, it is the responsibility of the user to determine the conditions of use.

M V M

3586 Highway 93
Twin Falls, ID 83303
1.208.735.2120