

## Safety Data Sheet

Date Prepared: June 24, 2024

### 1. Product and company Identification

Product Name: EM-X GOLD  
Company Name: EM Research Organization, Inc.  
Registered Address: 1478 Kishaba, Kitanakagusuku-son,  
Nakagami-gun Okinawa Japan  
TEL: +81(0)98-935-0202  
FAX: +81(0)98-935-0205

### 2. Composition/Information on Ingredients

Single Substance/  
Compound: Compound  
Chemical name and  
general name: N/A  
Composition and content: N/A  
CAS No.: N/A

### 3. Hazards Identification

Name of classification: This product is a refreshment drink for human consumption and this is not hazardous material.  
Hazardous information: No toxicological effect on health and environment

### 4. First Aid Measures

Inhalation: N/A  
Skin Contact: N/A  
Eye Contact: N/A  
Swallowing: N/A  
Note to physician: If this product does not agree with persons, it may cause diarrhea, eruption, fever, and/or physical weariness.

## 5. Fire Fighting Measures

Firefighting instructions:	Extinguish as in any fire.
Extinguishing media:	Dry chemical, carbon dioxide, or sand. This product is not flammable, however, the package may burn.
Specific methods of firefighting:	None
Special exposure hazards:	None
Protect against fire:	Fighters should wear protective clothing and Respirator.

## 6. Accidental Release Measures

Personal precautions/Protective:	None
Environmental precautions:	None
Waste Handling and Disposal Method:	Wipe with a cloth
Preventive measures for secondary accident:	Keep away from the ignition source

## 7. Handling and Storage

Handling:	Avoid dropping, dragging or any other rough handling
Storage:	Store in a cool and dark place, away from direct sunlight and rain

## 8. Exposure Controls/Personal Protection

Control value:	N/A
Adopted value:	N/A
Other:	No special equipment required.
Protective equipment:	Not required. This product is not toxic.

## 9. Physical and Chemical Properties

Appearance	
Physical States:	Liquid
Consistency:	Liquid
Color:	Pale Yellow
Odor:	Slight natural smell
pH:	7.0~8.9

Temperature of physical condition changes	
Boiling point:	100°C
Melting point:	0°C
Flash point:	This product is nonflammable
Explosive limits	
LEL:	Same as above.
UEL:	Same as above.
Density:	1.002g/ml
Dissolubility	
Water:	Dissolves easily
Other solvent:	Dissolves in alcohol and ether, but with precipitation

## 10. Stability and Reactivity

Stability:	High temperature over 60°C or direct sunlight may cause precipitation. Stable against physical impacts.
Reactions:	Contamination risk is low (same as water)
Conditions to avoid:	Avoid direct sunlight
Material to avoid:	None
Hazardous Reactions:	None

## 11. Toxicological Information

Acute toxicity:	Not toxic in acute oral toxicity test giving 20ml/kg to a rat
Skin irritation:	Not irritative in skin irritation test or eye irritation test using rabbits
Mutagenicity:	Negative in mutation inductivity in a reverse mutation test using 4 strains including <i>Escherichia coli</i> WP2uvrA and <i>Salmonella typhimurium</i> TA

## 12. Ecological Information

Mobility:	N/A
Persistency/ Degradability:	Degradable in nature
Bioaccumulation:	None

### **13. Disposal Considerations**

Residues: Disposing this product does not have any negative influences on the environment.

Packages: Disposal should be in accordance with applicable regional, national and local laws and regulations.

### **14. Transport Information**

International restriction: N/A

Specific precautionary transport measures and conditions:

Before loading, make sure that no leakage happened. Avoid overturn, fall-down, direct sunlight and any other damage both on loading and transporting.

### **15. Regulatory Information**

Food sanitary act

### **16. Other Information**

- This product does not contain alcohol.
- Best before date is printed on each bottle.
- This information is to our best present knowledge correct and complete and is given in good faith but without warranty.
- This SDS is subject to change. It remains the user's own responsibility to make sure that the information is appropriate and complete for his/her special use of this product.