

## Section 1: Identification

<b>COMPANY:</b>	Sportsman Consulting, LLC DBA Vinmetrica 6084 Corte del Cedro, Suite 105 Carlsbad, CA 92011
<b>PRODUCT NAME:</b>	MLF Boost Juice, PN SC-50-4
<b>SYNONYMS:</b>	None
<b>Recommended Use</b>	Laboratory Chemicals
<b>Uses advised against:</b>	Not for food, drug, pesticide or biocidal product use
<b>EMERGENCY PHONE:</b>	408-887-9230
<b>INFORMATION PHONE:</b>	760-494-0597 x 102

## Section 2: Hazard(s) Identification

### Classification:

This product is not classified according to the Globally Harmonized System.

**SIGNAL WORD:** Not applicable

**HAZARD STATEMENTS:** Not applicable, not a hazardous substance.

### **Precautionary Statement(s):**

IF SWALLOWED: Call a poison center/doctor if you feel unwell.

IF ON SKIN: Wash with plenty of water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Dispose of content/container in accordance with local/regional/national/international regulations.

### **Hazards not otherwise classified (HNOC):**

None identified.

## Section 3: Composition/Information on Ingredients

CHEMICAL	CAS NUMBER	WEIGHT %
Water	7732-18-5	85%
Acetate buffer	126-96-5	14.2%
Manganese (II) Chloride tetrahydrate	13446-34-9	0.8%

## Section 4: First Aid Measures

### **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 if cough or other symptoms appear.

**Ingestion:** Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting without medical advice.

**Skin Contact:** Flush skin with plenty of water. Get medical aid if irritation develops or persists.

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

## Section 5: Fire Fighting Measures

**Suitable Extinguishing Media:** For small fires, use water spray, dry chemical, carbon dioxide or chemical foam.

**Unsuitable Extinguishing Media:** No information available

**Flash Point:** Not flammable

**Method:** No information

**Autoignition Temperature:** Not applicable

**Explosion Limits**

**Upper:** No data available

**Lower:** No data available

**Sensitivity to Mechanical Impact:** No information available

**Sensitivity to Static Discharge:** No information available

**Specific Hazards Arising from the Chemical:** No information available

**Hazardous Combustion Products:** No information available.

**Protective Equipment and Precautions for Firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**NFPA Rating:**

Health: 2

Flammability: 0

Instability: 0

Physical Hazards: n/a

## Section 6: Accidental Release Measures

**Personal Precautions:** Use proper personal protective equipment as indicated in Section 8.

**Environmental Precautions:** Should not be released into the environment. See section 12 for additional ecological information.

**Methods for Containment and Clean Up:** Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

## Section 7: Handling and Storage

**Handling:** Wear personal protective equipment. Ensure adequate ventilation. Do not breathe vapors or spray mist. Avoid contact with skin, eyes, and clothing. Wash hands before breaks and immediately after handling the product. Avoid ingestion or inhalation.

**Storage:** Store in refrigerator or freezer away from incompatible substances.

## Section 8: Exposure Controls/ Personal Protection

Exposure Guidelines:

**Engineering Measures:** Use adequate ventilation to keep airborne concentrations low.

**Exposure Limits:**

<b>Chemical Name</b>	<b>ACGIH</b>	<b>NIOSH OSHA</b>
Water	none listed	none listed
Acetate buffer	none listed	none listed
Manganese chloride	TWA 0.2 mg/m <sup>3</sup>	5 mg/m <sup>3</sup> USA.

**Personal Protective Equipment:**

**Eye/Face Protection:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA’s eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin and Body Protection:** Wear appropriate protective gloves and clothing to prevent skin exposure.

**Respiratory Protection:** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.

## Section 9: Physical and Chemical Properties

**Physical State:** Liquid

**Appearance:** Clear

**Odor:** None reported.

**Odor Threshold:** No information available

**pH:** 5.5

**Melting Point:** No information available

**Boiling Point:** No information available

**Flash Point:** Not applicable

**Evaporation Rate:** No information available

**Flammability (solid, gas):** None

**Flammability or Explosive limits:**

**Upper:** No data available

**Lower:** No data available

**Vapor Pressure:** No information available.

**Vapor Density:** No information available.

**Specific Gravity:** 1.032

**Solubility:** Soluble in water

**Partition coefficient, n-octanol/water:** No data available

**Autoignition Temperature:** No information available

**Decomposition Temperature:** No information available

**Viscosity:** No information available

## Section 10: Stability and Reactivity

**Reactive Hazard:** None known, based on information available

**Stability:** Stable under ordinary conditions of use and storage.

**Conditions to Avoid:** Does not apply.

**Incompatible Materials:** None known

**Hazardous Decomposition Products:** Does not apply.

**Hazardous Polymerization:** Has not been reported.

**Hazardous Reactions:** None under normal processing.

## Section 11: Toxicological Information

**Acute toxicity:** no data available

**Inhalation:** no data available

**Dermal:** no data available

**Skin corrosion/irritation:** no data available

**Serious eye damage/eye irritation:** no data available

**Respiratory or skin sensitization:** no data available

**Germ cell mutagenicity:** no data available

**Carcinogenicity**

**IARC:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**ACGIH:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**NTP:** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**OSHA:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Reproductive toxicity:** no data available

**Specific target organ toxicity - single exposure:** no data available

**Specific target organ toxicity - repeated exposure:** no data available

**Aspiration hazard:** no data available

**Additional Information:** RTECS: Not available

## Section 12: Ecological Information

**Ecotoxicity:** No information available.

**Persistence and Degradability:** No information available

**Bioaccumulation/Accumulation:** No information available

**Mobility:**

## Section 13: Disposal Considerations

**Waste Disposal Methods:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous water regulations to ensure complete and accurate classification. Small amounts of this material may be suitable for sanitary sewer or trash disposal. Dispose of unused product.

## Section 14: Transport Information

**DOT:** Not regulated

**TDG:** Not regulated

**IATA:** Not regulated

**IMD/IMO:** Not regulated

## Section 15: Regulatory Information

### Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

### Pennsylvania Right To Know Components

	CAS-No.
Water	7732-18-5
Manganese (II) chloride tetrahydrate	13446-34-9

### New Jersey Right To Know Components

	CAS-No.
Water	7732-18-5
Manganese (II) chloride tetrahydrate	13446-34-9

### California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

## Section 16: Other Information

**Product Use:** Laboratory Reagent.

**Disclaimer:**

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