

Section 1: Identification

COMPANY:	Sportsman Consulting, LLC DBA Vinmetrica 6084 Corte del Cedro, Suite 105 Carlsbad, CA 92011
PRODUCT NAME:	pH 7.00 Reference Solution PN: SC-200-3
SYNONYMS:	pH 7.00 buffer
Recommended Use	Laboratory Chemicals
Uses advised against:	Not for food, drug, pesticide or biocidal product use
EMERGENCY PHONE:	408-887-9230
INFORMATION PHONE:	760-494-0597 x 102

Section 2: Hazard(s) Identification

Classification: This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Based on the available data, the classification criteria are not met.

Label Elements: Not classified as a hazardous chemical, none required.

HAZARD STATEMENTS: None

Label Elements: None required

Hazards not otherwise classified (HNOC):
None identified.

Section 3: Composition/Information on Ingredients

CHEMICAL	CAS NUMBER	WEIGHT %
Water	7732-18-5	94
Potassium phosphate, monobasic	7778-77-0	2.5
Sodium phosphate, dibasic	7558-79-4	3.5
Thymol	89-83-8	<0.01

Section 4: First Aid Measures

Inhalation: Move to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately if symptoms occur.

Ingestion: Do not induce vomiting. Obtain medical attention.

Skin Contact: Flush skin with plenty of water for at least 15 minutes. Get medical aid immediately if symptoms occur.

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: Substance is nonflammable; use agent most appropriate to extinguish surrounding fire.

Unsuitable Extinguishing Media: No information available

Flash Point: Not applicable

Method: No information available

Autoignition Temperature: No information available

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: None known.

Hazardous Combustion Products: None known.

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: 1

Flammability: 0

Instability: 0

Physical Hazards: n/a

Section 6: Accidental Release Measures

Personal Precautions: Use personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes, and clothing.

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. Avoid ingestion and inhalation.

Storage: Keep containers tightly closed in a dry, cool and well ventilated place.

Section 8: Exposure Controls/ Personal Protection

Exposure Guidelines:

OSHA & ACGIH Threshold Limit: None listed

Engineering Measures: Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

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:** Odorless**Odor Threshold:** No information available**pH:** 7.00**Melting Point:** No information available**Boiling Point:** 100°C**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:** Not determined**Vapor Density:** Not determined**Specific Gravity:** 1.0**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:** None known**Incompatible Materials:** Nitric Acid**Hazardous Decomposition Products:** None**Hazardous Polymerization:** Does not occur.**Hazardous Reactions:** None under normal processing.**Section 11: Toxicological Information****Acute Toxicity:****Product Information:** No acute toxicity information is available for this product**Component Information:**

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Water	-	Not listed	Not listed
Potassium phosphate, monobasic	-	Not listed	Not listed
Sodium phosphate, dibasic	-	Not listed	Not listed
Thymol	Acute: 980 mg/kg (Rat)	Not listed	Not listed

Toxicologically Synergistic Products: No information available

Delayed and immediate effects as well as chronic effects from short and long term exposure.

Irritation: No information available

Sensitization: No information available

Carcinogenicity: The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	CAS-No	IARC	NTP	ACGIH	OSHA	Mexico
Water	7732-18-5	Not listed	Not listed	Not listed	Not listed	Not listed
Potassium phosphate, monobasic	7778-77-0	Not listed	Not listed	Not listed	Not listed	Not listed
Sodium phosphate, dibasic	7558-79-4	Not listed	Not listed	Not listed	Not listed	Not listed
Thymol	89-83-8	Not listed	Not listed	Not listed	Not listed	Not listed

Mutagenic Effects: No information available.

Reproductive Effects: No information available.

Developmental Effects: No information available.

Teratogenicity: No information available.

STOT – single exposure: None known

STOT – repeated exposure: None known

Aspiration hazard: No information available

Symptoms / effects, both acute and delayed: No information available

Endocrine Distruptor Information: No information available

Other Adverse Effects: The toxicological properties have not been fully investigated.

Section 12: Ecological Information

Ecotoxicity: Do not empty into drains.

Persistence and Degradability: No information available

Bioaccumulation/Accumulation: No information available

Mobility: No information available.

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.

Section 14: Transport Information

DOT: Not regulated
TDG: Not regulated
IATA: Not regulated
IMD/IMO: Not regulated

Section 15: Regulatory Information

European Information: None

US/Canada Information:

SARA/Title III: Not listed

Cal. Proposition 65: Ingredients not listed

US TSCA Inventory: Ingredients are listed

CPR Class: None

TDG Class: None

MSDS discloses elements required by the CPR

Section 16: Other Information

Product Use: Laboratory Reagent.

Disclaimer:

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Creation Date: 11/08/2012

Revision Date: 3/7/2018