

# Material Safety Data Sheet

## pH 4.01 Reference Solution

### Section 1 - Chemical Product and Company Identification

**MSDS Name:** pH 4.01 Reference Solution

**Catalog Numbers:** SC200-8

**Synonyms:** pH 4.01 buffer

**Company Identification:**

Sportsman Consulting DBA Vinmetrica 1945 Camino Vida Roble, I, Carlsbad CA

**For information, call:** 760-494-0597

### Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent	Oral LD50
7732-18-5	Water	99	----
877-24-7	Potassium Hydrogen Phthalate	1	None found
89-83-8	Thymol	<0.01	Acute: 980 mg/kg [Rat]

### Section 3 - Hazards Identification

Low hazard from normal usage.

Harmful if swallowed. May irritate eyes and skin.

TARGET ORGANS: Skin.

ACUTE TOXICITY: Low hazards because of low concentration of salts.

CHRONIC TOXICITY: Possible skin irritation from prolonged exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Disease of the skin.

### Section 4 - First Aid Measures

EYE AND SKIN CONTACT: Wash off with large amounts of water.

INGESTION: Give large amounts of water. Consult physician.

INHALATION: Not hazardous

### Section 5 - Fire Fighting Measures

FLASH POINT: NA AUTOIGNITION POINT: NA

FLAMMABILITY LIMITS: UPPER: NA LOWER: NA

EXTINGUISHING MEDIA: Water, CO<sub>2</sub>, dry chemical or foam.

### Section 6 - Accidental Release Measures

Take up with absorbent materials. Place in small containers for disposal. Wash spill site after material pick up is complete.

### Section 7 - Handling and Storage

Always wear eye protection and gloves when working with this product.

Avoid contact with eyes, skin or clothing. Avoid ingestion.

## Section 8 - Exposure Controls, Personal Protection

OSHA & ACGIH THRESHOLD LIMIT: None listed.

PROTECTIVE EQUIPMENT: Safety glasses, lab coat and gloves.

## Section 9 - Physical and Chemical Properties

STATE: Clear liquid ODOR THRESHOLD: None

SENSITIVITY TO MECHANICAL IMPACT: None

SENSITIVITY TO STATIC DISCHARGE: None

COEFFICIENT OF OIL/WATER DISTRIBUTION: None

SOLUBILITY IN WATER: Soluble pH: 4.01

SPECIFIC GRAVITY: 1.0

BOILING POINT: 100°C MELTING POINT: Not determined

VAPOR DENSITY: Not determined

## Section 10 - Stability and Reactivity

Product is stable. Hazardous polymerization will not occur.

Incompatibles: Nitric acid.

Hazardous decomposition product: None.

## Section 11 - Toxicological Information

Route of Exposure: May irritate skin. May be harmful if swallowed.

Teratogen Status: None

Mutagen Status: None

Reproductive Toxicity: None

Carcinogen Status: None

## Section 12 - Ecological Information

None available

## Section 13 - Disposal Considerations

Dispose of in a manner consistent with Federal, State and Local Regulations.

## Section 14 - Transport Information

Product is not hazardous for transport.

## 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 - Additional Information

### **MSDS Creation Date:** 11-10-2010

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