



**CASWELL INC**

## **Safety Data Sheet 4PH Buffer**

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### **SECTION 1: Identification**

#### **1.1 Product identifier**

Product name	4PH Buffer
Product number	PH4
Brand	Caswell

#### **1.3 Recommended use of the chemical and restrictions on use**

Calibration Solution

#### **1.4 Supplier's details**

Name	Caswell Inc
Address	7696 Route 31 Lyons NY 14489 USA
Telephone	315 946 1213
Fax	315 946 4456
email	sales@caswellplating.com

#### **1.5 Emergency phone number(s)**

Office Hours (9-4ET): 315 946 1213  
24 Hour: CHEMTEL US# 1-800-255-3924    Intl# +01-813-248-0585

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### **SECTION 2: Hazard identification**

#### **2.1 Classification of the substance or mixture**

Not a hazardous substance or mixture.

#### **2.2 GHS label elements, including precautionary statements**

Not a hazardous substance or mixture.

#### **2.3 Other hazards which do not result in classification**

Not a hazardous substance or mixture.

# Safety Data Sheet

## 4PH Buffer

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### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

##### Hazardous components

###### 1. POTASSIUM ACID PHTHALATE

Concentration	1 %
CAS no.	877-24-7

###### 2. WATER

Concentration	99 %
CAS no.	7732-18-5

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### SECTION 4: First-aid measures

#### 4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In case of skin contact	Skin Protection: None required with normal household use. Industrial Setting: Protective gloves (for hands) and protective clothing are required where repeated or prolonged skin contact may occur.
In case of eye contact	Distribution, Workplace and Household Settings: No special protective equipment required. Product Manufacturing Plant (needed at Product-Producing Plant ONLY): Use appropriate eye protection.
If swallowed	Drink water and induce vomiting.
Personal protective equipment for first-aid responders	None required

#### 4.2 Most important symptoms/effects, acute and delayed

Product is not hazardous. No negative effects from exposure should be expected.

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### SECTION 5: Fire-fighting measures

#### 5.1 Suitable extinguishing media

Any available

#### 5.2 Specific hazards arising from the chemical

None

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### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Product is not hazardous. Clean up using available means.

#### 6.2 Environmental precautions

# Safety Data Sheet

## 4PH Buffer

None

### 6.3 Methods and materials for containment and cleaning up

Any

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

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## SECTION 8: Exposure controls/personal protection

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

#### Pictograms



#### Body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### Respiratory protection

Ensure adequate ventilation. Use personal protective equipment. Avoid dust formation. For personal protection see section 8.

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## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Clear Reddish Liquid
Odor	None
Odor threshold	Not Established
pH	10
Melting point/freezing point	32 deg F
Initial boiling point and boiling range	212 deg F
Flash point	Not Flammable
Evaporation rate	Not Established
Flammability (solid, gas)	None
Upper/lower flammability limits	Not Established
Vapor pressure	Not Established
Vapor density	Not Established
Relative density	1.2
Solubility(ies)	Fully In Water
Partition coefficient: n-octanol/water	Not Established
Auto-ignition temperature	n/a
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

# Safety Data Sheet

## 4PH Buffer

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### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Not reactive

#### 10.2 Chemical stability

Stable

#### 10.3 Possibility of hazardous reactions

None Known

#### 10.4 Conditions to avoid

None Known

#### 10.5 Incompatible materials

None Known

#### 10.6 Hazardous decomposition products

None Known

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### SECTION 11: Toxicological information

#### Information on toxicological effects

##### Acute toxicity

Not Established

##### Skin corrosion/irritation

Not Established

##### Serious eye damage/irritation

Not Established

##### Respiratory or skin sensitization

Not Established

##### Germ cell mutagenicity

Not Established

##### Carcinogenicity

Not Established

##### Reproductive toxicity

Not Established

##### STOT-single exposure

Not Established

##### STOT-repeated exposure

Not Established

##### Aspiration hazard

Not Established

# Safety Data Sheet

## 4PH Buffer

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### SECTION 12: Ecological information

#### Toxicity

Not Established

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### SECTION 13: Disposal considerations

#### Disposal of the product

Consult appropriate federal and local regulations for disposal. Empty containers are subject to the same regulations.

#### Disposal of contaminated packaging

Consult appropriate federal and local regulations for disposal. Empty containers are subject to the same regulations.

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### SECTION 14: Transport information

#### DOT (US)

Not dangerous goods

#### IMDG

Not dangerous goods

#### IATA

Not dangerous goods

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### SECTION 15: Regulatory information

#### HMIS Rating

4PH Buffer	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

#### NFPA Rating



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### SECTION 16: Other information

#### 16.1 Further information/disclaimer

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## **Safety Data Sheet**

### **4PH Buffer**

consequential or exemplary damages, whatsoever arising, even if Caswell Inc has been advised of the possibility of such damages.