

CASWELL INC

Safety Data Sheet 4PH Buffer

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

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.

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

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.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Any available

5.2 Specific hazards arising from the chemical

None

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

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None

6.3 Methods and materials for containment and cleaning up

Anν

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.

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.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)

Odor

Odor threshold

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Melting point/freezing point

Initial boiling point and boiling range

Flash point Evaporation rate

Flammability (solid, gas)
Upper/lower flammability limits

Vapor pressure Vapor density Relative density Solubility(ies)

Partition coefficient: n-octanol/water

Auto-ignition temperature Decomposition temperature

Viscosity

Explosive properties Oxidizing properties

Clear Reddish Liquid

None

Not Established

10

32 deg F 212 deg F Not Flammable Not Established

None

Not Established Not Established Not Established

1.2

Fully In Water Not Established

n/a

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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

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

SECTION 12: Ecological information

Toxicity

Not Established

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.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

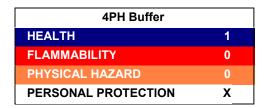
Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

HMIS Rating



NFPA Rating



SECTION 16: Other information

16.1 Further information/disclaimer

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