

Bioland Scientific LLC

Material Safety Data Sheet

Version 1.0

Revision Date 12/01/2012

Print Date 12/01/2012

1. PRODUCT AND COMPANY IDENTIFICATION

Product name 1x PBS Buffer

Catalog Number PBS02
Brand Bioland Chemicals

Company Bioland Scientific LLC
14925 Paramount Blvd., Suite C
Paramount, CA 90723
USA

Telephone 1-562-602-8882
Fax 1-562-733-6008
Emergency Phone # 1-562-377-2668

2. HAZARDS IDENTIFICATION

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Form: Liquid

Principle Routes of Exposure/Potential Health effects

Eyes No information available
Skin No information available
Inhalation No information available
Ingestion No information available

Specific effects

Carcinogenic effects No information available
Mutagenic effects No information available
Reproductive toxicity No information available
Sensitization No information available

Target Organ Effects

No information available

HMIS

Health	0
Flammability	0
Reactivity	0

3. COMPOSTION/INFORMATION ON INGREDIENTS

Hazardous/Non-hazardous Components

The product contains no substances which at their given concentration, are considered to be hazardous to health.

4. FIRST AID MEASURES

Eye contact	Rinse thoroughly with plenty of water, also under the eyelids
Inhalation	Move to fresh air
Skin contact	Wash off immediately with plenty of water
Ingestion	Never give anything by mouth to an unconscious person
Notes to physician	Treat symptomatically

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Dry chemical

Special protective equipment for firefighters: Wear self-contained breathing apparatus and protective Suit.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment.

Methods for cleaning up: Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Handling: No special handling advice required.

Storage: Keep in properly labeled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Engineering measures: Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Respiratory protection	In case of insufficient ventilation wear suitable respiratory equipment
Hand protection	Protective gloves
Eye protection	Safety glasses with side-shields
Skin and body protection.	Lightweight protective clothing
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls

Prevent product from entering drains. Do not allow material to contaminate ground water system.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form: Liquid

Important Health Safety and Environmental Information

Boiling Point/Range	°C No Data Available	°F No Data Available
Melting Point/Range	°C No Data Available	°F No Data Available
Flash Point	°C No Data Available	°F No Data Available
Autoignition Temperature	°C No Data Available	°F No Data Available

Oxidizing properties: No information available

Water solubility: No data available

10. STABILITY AND REACTIVITY

Stability	Stable
Hazardous decomposition	No information available
Products Polymerization	Hazardous polymerization does not occur
Materials to avoid	No information available

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Principle Routes of Exposure/Potential Health effects

Eyes	No Information available
Skin	No Information available
Inhalation	No Information available
Ingestion	No Information available

Carcinogenic effects	No information available
Mutagenic effects	No information available
Reproductive toxicity	No information available
Sensitization	No information available
Target Organ Effects	No information available

12. ECOLOGICAL INFORMATION

Ecotoxicity effects	No information available
Mobility	No information available
Biodegradation	Inherently biodegradable
Bioaccumulation	Does not bioaccumulate

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

IATA

Proper shipping name: Not classified as dangerous in the meaning of transport regulations

Hazard class: No information available

Subsidiary Class: No information available

Packing group: No information available

UN-No: No information available

15. REGULATORY INFORMATION

U.S. Federal Regulations

SARA 313

This product is not regulated by SARA.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain HAPs.

U.S. State Regulations

California Proposition 65

This product does not contain chemicals listed under Proposition 65

WHMIS hazard class

Non-controlled

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

16. OTHER INFORMATION

This material is sold for research and development purposes only. It is not for any human or animal therapeutic or clinical Diagnostic use. It is not intended for food, drug, household, agricultural, or cosmetic use. An individual technically qualified to handle potentially hazardous chemicals must supervise the use of this material.

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End of Safety Data Sheet.