



2143 Worth Lane, Springdale, AR USA 72764

Tel. 479-751-5500 Fax. 479-751-5502

www.oceannanotech.com

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Material Safety Data Sheet

1 Product and Company Information:

Product name: **Rinsing Buffer**

Catalog Number(s): RBG

Revision Date: May 1, 2012

Manufacturer/Supplier:

Ocean NanoTech LLC

2143 Worth Lane

Springdale, AR 72764

Telephone: 479-751-5500 Fax: 479-751-5502

Web Site: www.oceannanotech.com

2 Composition/Information on Ingredients:

CAS Name/Number: Tris base 77-86-1, MgCl₂ 7791-18-6, NaN₃ -NA; Tween 20 9005-64-5; Triton X 77-86-1
Proprietary proteins-NA

3 Hazards identification

Emergency Overview: The health hazards of this product have not been fully tested and should be used with caution.

Exposure to skin, eyes, and respiratory tract could cause irritation.

POTENTIAL HEALTH EFFECTS

Inhalation: Not available

Skin Contact: Not available

Ingestion: Not available

Eye Contact: Not available

4 First aid measures

Skin Contact: Wash the skin thoroughly with soap and water and seek medical advice.

Eye contact: If eye contact occurs, rinse eye thoroughly and seek medical advice

Inhalation: If inhaled, supply fresh air or respirator and seek medical advice.

Ingestion: If swallowed, seek medical attention immediately

5 Fire fighting measures

Extinguishing Media: N/A; Product is not flammable

6 Accidental release measures

Personal Precautions: Always use proper protective equipment.

Environmental Precautions: Do not allow material to reach drains or ground water.

Cleanup of small spills: Use appropriate material to absorb liquid.

Disposal: Collect and dispose of all waste in an appropriate container.

7 Handling and storage

Handling: Follow safe laboratory practices. The product should only be used by or closely supervised by an individual trained to



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handle potentially hazardous materials.

Storage: Store at 2-8 °C in a tightly sealed container. Store in same type of container (glass/plastic) as shipped. Do not freeze.

8 Exposure controls and personal protection

Engineering Controls: NA

Personal Protection: Gloves, lab coat, and goggles.

9 Physical and chemical properties:

Form: Aqueous solution

Specific Gravity: Not disclosed

Boiling point: Not applicable

Color: Colorless

pH: 7.4

Freezing point: Not applicable

Odor: Not disclosed

Melting point: Not disclosed

Vapor Pressure: Not disclosed

Solubility in Water: Soluble

10 Stability and reactivity

Stability: The product is stable

Conditions to avoid: Not determined

Thermal decomposition: Not determined

Materials to avoid: Not determined

11 Toxicological information

RTECS Number: Not disclosed

Toxicity: Not disclosed

Health Hazards: Refer to section 4

Carcinogenicity: One of the components, NaN₃, is considered carcinogenic.

12 Ecological information:

No data available. See section 6

13 Disposal considerations

Dispose of in accordance with local, state, or national regulations. Discard all used materials in HAZARDOUS materials container.

14 Transport information

U.S. DOT Classification: Not a hazardous material for land or air transport.

Identification Number: Not applicable

Packing Group: Not applicable

Proper Shipping Name: Not applicable

15 Regulations

No data available for TSCA, EEC EINECS number, EEC risk statements, or other regulations.

16 Other information:

Disclaimer: For R&D only. Not intended for food, drug, household, agricultural or cosmetic use.

The above information is believed to be correct. Ocean NanoTech LLC shall not be held liable for any damage resulting from handling or contact with the above product.