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## MATERIAL SAFETY DATA SHEET (MSDS)

### BUFFER CAPSULES PH 4.0

#### 1. Product Identification

Synonyms: NONE  
CAS No.: NA

Product Coad: B005180010C

Molecular Weight: NA  
Chemical Formula: NA

#### 2. Composition/Information on Ingredients

Ingredient	CAS No	Percent
Borates,Phosphates tetra, sodium salts, anhydrouS	NA	60-70%
SODIUM CHLORIDE	7647-14-5	30-40%

#### 3. Hazards Identification

Route Of Entry Inds - Inhalation: NO Skin: NO Ingestion: NO  
Carcinogenicity Inds - NTP: NO IARC: NO OSHA: NO  
Health Hazards Acute And Chronic: ACUTE & CHRONIC: NOT APPLICABLE.  
Explanation of Carcinogenicity: NOT RELEVANT.  
Signs and Symptoms of Overexposure: SEE HEALTH HAZARDS.  
Medical Conditions Aggravated by Overexposure: NOT APPLICABLE

#### 4. First Aid Measures

INHAL:REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE O<sup>2</sup>/ARTF RESP) (FP N). EYES:IMMEDIATELY FLUSH W/POTABLE WATER FOR MINIMUM OF 15 MINUTES, SEEK ASSISTANCE FROM MD (FP N). SKIN: FLUSH SKIN THOROUGHLY. INGESTION: DRINK WATER, CONSULT A PHYSI CIAN.

#### 5. Fire Fighting Measures

Flash Point Text: N/A  
Auto Ignition Temperature Text:  
Lower Limits: N/A Upper Limits: N/A  
Extinguishing Media: NOT A FIRE HAZARD. MEDIA SUITABLE FOR SURROUNDING FIRE (FP N).  
Fire Fighting Procedures: NOT APPLICABLE. USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N).Unusal Fire/Explosion Hazard: NOT APPLICABLE

#### 6. Accidental Release Measures

Spill Release Procedures: SWEEP UP, DISSOLVE IN WATER AND FLUSH DOWN DRAIN WITH EXCESS WATER.  
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.  
Waste Disposal Methods: DISSOLVE IN WATER AND FLUSH DOWN DRAIN WITH EXCESS WATER. DISPOSAL MUST BE I/A/W FEDERAL, STATE & LOCAL REGULATIONS (FP N).

#### 7. Handling and Storage

STORE IN COOL, DRY PLACE

#### 8. Exposure Controls/Personal Protection

Respiratory Protection: NOT APPLICABLE. NIOSH APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).  
Ventilation: NORMAL.  
Protective Gloves: IMPERVIOUS GLOVES (FP N).  
Eye Protection: ANSI APPRVD CHEM WORKERS GOGGLES (FP N).  
Other Equipment: ANSI APPRVD EYE WASH & DELUGE SHOWER (FP N). LAB COAT.  
Work Hygenic Practices: ANSI APPRVD EYE WASH & DELUGE SHOWER (FP N). LAB COAT.  
Supplemental Safety & Health: PH (ONE TABLET IN 20 ML WATER): 7.

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#### 9. Physical and Chemical Properties

Boiling Point: N/A Melting/Freezing Point: N/K Decomposition Temp: N/K  
 Solubility in Water: SOLUBLE Appearance and Odor: SMALL CAPSULES WITH NO ODOR.

#### 10. Stability and Reactivity

Stability Indicator: YES  
 Stability Conditions to Avoid: NOT APPLICABLE.  
 Materials to Avoid: NOT APPLICABLE.  
 Hazardous Decomposition Products: NOT APPLICABLE.  
 Hazardous Polymerization Products: NO  
 Conditions to Avoid Polymerization: NOT RELEVANT..

#### 11. Toxicological Information

No LD50/LC50 information found relating to normal routes of occupational exposure. Investigated as a reproductive effector.

---NTP Carcinogen---

Ingredient	Known	Anticipated	IARC Category
BUFFER CAPSULES	No	No	None

#### 12. Ecological Information

**Environmental Fate:** No information found.  
**Environmental Toxicity:** No information found.

#### 13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

#### 14. Transport Information

Not regulated.

#### 15. Regulatory Information

NA

#### 16. Other Information

**Product Use:** Laboratory Reagent, USE TO DETERMINE ph.

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In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

DISCLAIMER:

- **SUVCHEM** Products are to be used as Lab Chemicals for R&D only. Not for drug, medicinal, household or other uses.
- **SUVCHEM** shall not be responsible for any damage resulting from handling or from contact with the above product.
- **SUVCHEM** provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.

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