

## 286 -BUFFER CAPSULE pH-9.2

### SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

**Product Name:** BUFFER CAPSULE pH-9.2

**Product Code:** 286

**CAS#:** Not Available

**Synonym:** Not Available

**Chemical Name:** Not Available

**Chemical Formula:** Not Available

**Formula Weight:** Not Available

### SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

**Composition:**

**Name:** BUFFER CAPSULE pH-9.2

**Toxicological Data on Ingredients:**

Classification according to Regulation (EC) No 1272/2008

Not classified as hazardous substance according to regulation (EC) No 1272/2008

### SECTION 3: HAZARDS IDENTIFICATION

**Potential Acute Health Effects:** Slightly hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion. Non-corrosive for skin. Non-corrosive to the eyes. Non-corrosive for lungs.

**Potential Chronic Health Effects:** Hazardous in case of skin contact (irritant), of ingestion, of inhalation.

**Carcinogenic Effects:** Not available.

**Mutagenic Effects:** Mutagenic for mammalian somatic cells. Mutagenic for bacteria and/or yeast.

**Teratogenic Effects:** Not available.

**Developmental Toxicity:** Not available. Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

### SECTION 4: FIRST AID MEASURES

**Eye Contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

**Skin Contact:** Wash off immediately with soap and plenty of water. Cover the irritated skin with emollient. Immediate medical attention is required.

**Serious Skin Contact:** Not available.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Serious Inhalation:** Not Available.

**Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

**Serious Ingestion:** Not available.

### SECTION 5: FIRE AND EXPLOSION DATA

**Flammability of the Product:** Non Combustible

**Auto-Ignition Temperature:** Not Applicable

**Flash Points:** Not Applicable



**Flammable Limits:** Not Applicable  
**Products of Combustion:** Not Applicable  
**Fire Hazards in Presence of Various Substances:** Not Applicable.  
**Explosion Hazards in Presence of Various Substances:** Not Available  
**Risks of explosion of the product in presence of mechanical impact:** Not Available.  
**Risks of explosion of the product in presence of static discharge:** Not available  
**Fire Fighting Media and Instructions:**  
**Small fire:** Not Applicable  
**Large fire:** Not Applicable  
**Special Remarks on Fire Hazards:** Not Applicable  
**Special Remarks on Explosion Hazards:** Not Available

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Small Spill:**

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

**Large Spill:**

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

**Precautions:** Keep locked up. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label.

**Storage:** Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 25°C (77°F).

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:**

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Personal Protection:** Safety glasses, Lab coat, Dust respirator, Gloves. Be sure to use an approved/certified respirator or equivalent.

**Personal Protection in Case of a Large Spill:**

Splash goggles, Full suit, Dust respirator, Boots, Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Exposure Limits:** Not Available.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	: White Color Capsule
<b>Colour</b>	: White
<b>Odor</b>	: Not Available
<b>Odour Threshold</b>	: Not Available
<b>pH</b>	: 9.2
<b>Melting point/freezing point</b>	: Not Available
<b>Initial boiling point and boiling range</b>	: Not Available
<b>Flash point</b>	: Not Available
<b>Evapouration rate</b>	: Not Available
<b>Flammability (solid, gas)</b>	: Not Available
<b>Upper/lower flammability or explosive limits</b>	: Not Available
<b>Vapour pressure</b>	: Not Available
<b>Vapour density</b>	: Not Available



Relative density	: Not Available
Water solubility	: Not Available
Partition coefficient	: Not Available
Auto-ignition temperature	: Not Available

### SECTION 10: STABILITY AND REACTIVITY DATA

**Stability:** The product is chemically stable under standard ambient conditions.

**Instability Temperature:** Not available.

**Conditions of Instability:** Not available.

**Incompatibility with various substances:** Slightly reactive to reactive with acids, alkalis.

**Corrosivity:** Non-corrosive in presence of glass.

**Special Remarks on Reactivity:** Hygroscopic; keep container tightly closed. Incompatible with magnesium, alkaloids, antipyrine, chloral hydrate, lead acetate, pyrogallol, resorcinol, strong mineral acids, strong organic acids. (Sodium phosphate, dibasic).

**Special Remarks on Corrosivity:** Not available.

**Polymerization:** Will not occur

### SECTION 11: TOXICOLOGICAL INFORMATION

**Routes of Entry:** Skin. Inhalation.

Ingestion. Eyes. **Toxicity to Animals:**

**LD50:** Acute toxicity - 17000 mg/kg [Rat]. (Sodium phosphate, dibasic).

Acute dermal toxicity - >4650 mg/kg [Rabbit]. (Potassium phosphate monobasic).

**LC50:** Not available.

**Chronic Effects on Humans:** Slightly hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation.

**Other Toxic Effects on Humans:** Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation. **Special Remarks on Toxicity to Animals:** Lowest Published Lethal Dose: LD<sub>50</sub> [Rat] - Route: Oral; Dose: 4640 mg/kg (Potassium phosphate monobasic)

**Special Remarks on Chronic Effects on Humans:** Not available.

**Special Remarks on other Toxic Effects on Humans:** Not available

### SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** Not available.

**LC50:** Not available.

**BOD5 and COD:** Not available

**Products of Biodegradation:** Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The products of degradation are less toxic than the product itself.

**Special Remarks on the Products of Biodegradation:** Not available

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Treatment Methods** Product Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

**Contaminated Packaging:** Dispose of as unused product.

### SECTION 14: TRANSPORT INFORMATION

UN number



ADR/RID: <b>Transport hazard class (es)</b>	IMDG: -	IATA: -
ADR/RID: <b>Packaging group</b>	IMDG: -	IATA: -
ADR/RID: <b>Environmental hazards</b>	IMDG: -	IATA: -
ADR/RID: no	IMDG: - marine pollutant no.	IATA: -no

#### SECTION 15: OTHER REGULATORY INFORMATION

**Regulatory information:** This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.  
**Safety, health and environmental regulations/legislation** specific for the substance or mixture no data available  
**Chemical Safety Assessment** For this product a chemical safety assessment was not carried out

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