

**SECTION 1 - IDENTIFICATION OF PREPARATION**

**Product name:**  
pH 4.01 Buffer Solution

**Item ID:**  
pH 4.01

**Application:**  
pH Buffer solution

**Manufacturer Identification:**  
Green Air Products, Inc.  
PO Box 1410  
Boring, OR 97009

**SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS**

**Chemical characterization:**  
Solution in water

**Chemical composition:**  
Potassium hydrogen phthalate: < 2.0%  
Stabilizers: < 0.01%

**SECTION 3 - HAZARD IDENTIFICATION**

N/A

**SECTION 4 - FIRST AID MEASURES**

**Eye contact:**  
Irrigate thoroughly with water. If discomfort persists, obtain medical attention.

**Skin contact:**  
Wash off thoroughly with soap and water.

**Ingestion:**  
Wash out mouth thoroughly with water and give plenty of water to drink. In severe cases, obtain medical attention.

**Inhalation:**  
N/A

**SECTION 5 - FIRE FIGHTING MEASURES**

**Special risks:**  
N/A

**Fire extinguisher:**  
N/A

**Special fire fighting precautions:**  
None

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**In case of accidental spill or release:**

If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise transfer to container and arrange removal by disposal company.

**SECTION 7 - HANDLING AND STORAGE**

**Handling:**

Under no circumstances eat or drink while handling this material.  
Wash hands and face after working with material.

**Storage:**

Store at room temperature (@15°-25° C)  
Protect from direct sunlight & moisture  
Keep container well closed  
Keep away from children

**SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION**

As appropriate to quantity handled:

**Respiratory protection:**

Not applicable

**Protective gloves:**

Rubber or plastic

**Eye protection:**

Goggles/face shield

**SECTION 9 - PHYSICAL/CHEMICAL PROPERTIES**

**Appearance and odor:**

Blue - Odorless

**Water reactivity:**

Non-reactive

**Solubility in water:**

Miscible in any proportion

**Melting point:**

N/A

**Boiling point:**

> 100° C

**SECTION 10 - STABILITY AND REACTIVITY**

**Stability:**

Stable

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**In case of ingestion:**

After ingestion of large amounts: nausea, vomiting, or diarrhea. However, when handled properly, hazardous effects are unlikely to occur.

**In case of skin contact:**

Chronic exposure may cause dermatitis

**In case of eye contact:**

May cause conjunctivitis.

**Further data:**

LD50 (oral-rat) = N/A

No evidence of mutagenic or teratogenic effects.

**SECTION 12 - ECOLOGICAL INFORMATION**

No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

**Waste disposal:**

Chemical residues are generally classified as special waste and thus covered by local regulations. Contact authorities or disposal companies for advice.  
In compliance with current regulations.

**SECTION 14 - TRANSPORT INFORMATION**

UN-No.:

IMO: NR

IATA: NR

Correct technical name: Not-Restricted

ADR/RID: N/R

IMDG class: NR

Packaging group:

Packaging group:

**SECTION 15 - REGULATORY INFORMATION**

**Labeling according to EEC directives:**

R-phrases:

S-phrases:

**SECTION 16 - OTHER INFORMATION**

Emergency telephone number  
1-800-669-2113

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