

SECTION 1 - IDENTIFICATION OF PREPARATION

Product name:
pH 4.01 Buffer Solution
Application:
pH Buffer solution

Item ID:
pH 4.01

Manufacturer Identification:
Green Air Products, Inc.
PO Box 1318
Gresham, OR 97030

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 eye contact:

May cause conjunctivitis.

In case of skin contact:

Chronic exposure may cause dermatitis

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