

4/23/21

AQUAPURE™ NUTRIENT P
2800013

Industrial applications



Absorb the chemical onto sand, vermiculite, or any other non-combustible absorbent, and collect into containers for later disposal.

Avoid breathing dust, fumes, gas, mist, vapors and sprays.

Wash hands thoroughly after handling.

Do not get in eyes, or on skin, or on clothing.

Keep container tightly closed.

Do not allow material to freeze.

Store in corrosive resistant container.

Phosphoric Acid	ACGIH	1 mg/m3	-

Use local exhaust to keep personal exposures below the OSHA Permissible Exposure Limit (s) (PEL) or the ACGIH threshold Limit Values (TLV)Time Weight Average (TWA).

Not required if proper ventilation controls are employed.

Acid resistant rubber.

Wear chemical safety goggles.

Clear colorless liquid

No odor

N/A

Below 1

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

1.054

Complete in water

N/A

N/A

N/A

N/A

No specific test data related to reactivity available to this product or its ingredients.

Stable under normal conditions

Corrosive in presence of steel

Reacts violently with strong bases. Contact with metals may release flammable hydrogen gas.

Extreme humidity, excess heat.

Metals, strong oxidizing agents and strong bases. Do not mix with solutions containing bleach or ammonia.

Under fire- Oxides of phosphorous at > 300 °C (572 °F)

Phosphoric Acid-LD50-(Rat-female)-1.7 mL/100 g body weight

Irritation or burns to skin, eyes and respiratory system

Not listed by IARC, NTP, OSHA, ACGIH

Eyes, Skin, Inhalation, Ingestion

Phosphoric Acid-EC50 (48) >100 mg/L

Not Available

Not known

Phosphoric Acid itself will not absorb into soil, in most cases it will dissociate into PO₄³⁻ and H⁺ ions in the soil pore water, and/or react with minerals present in the soil, in particular calcium, iron and aluminum. Except in very specific circumstances (acidic soils, certain mineral soil types, very high dosage of phosphoric acid) phosphoric acid

