Disposal:

Chemical Name	Common Name And Synonyms	CAS No. and other Unique identifiers	Concentration %
Phosphoric Acid		7664-38-2	2-5%
Selenious Acid	Selenium Oxide	7783-00-8	~1%
Cupric Nitrate	-	3251-23-8	<2%

After Inhalation:

Remove exposed person to fresh air and support breathing as needed.

After Skin Contact:

Immediately remove contaminated clothing under a safety shower. Flush all a

Methods and Materials for containment & cleaning up: Absorb the chemical onto sand, vermiculite, or any other non-combustible absorbent, and collect into containers for later disposal.

Precautions for safe handling: 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.

Conditions for safe storage, inc any incompatibilities: Store locked up

Store in properly sealed and labeled containers. Do not store outside.

Store in corrosive resistant container.

Name	Std.	TWA-8hrs	STEL - 15 min.
Phosphoric Acid	ACGIH	1 mg/m3	
Selenious Acid	ACGIH	0.2 mg/m3	
Cupric Nitrate	NIOSH	1 mg/m3 as Cu	-

ACGIH - American Control of Governmental Hygenists
OSHA - Occupational Safety and Health Administration

Ventilation: 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).

Respiratory Protection: Use protection if misting of product is possible

Protective Gloves: Acid resistant rubber.

Eye Protection: Wear chemical safety goggles & full face shield

Appearance: Clear blue liquid

Odor: plastic type odor

Odor Threshold: N/A

PH: <2

Melting Point/Freezing Point: NA

Initial Boiling Point and Boiling Range: NA

Flash Point: N/A

Evaporation Rate: N/A

Flammability (solid, gas): NON-FLAMMABLE

Upper/Lower flammability or explosive limits: non-flammable

Vapor Pressure: NA

Vapor Density: NA

Relative Density: 1.02-1.03

Solubility (ies): 100%

Partition Coefficient; n-octanol/water: NA

Auto-ignition Temperature:	N/A
Decomposition Temperature:	NA
Viscosity:	NA

Reactivity:	No specific test data related to reactivity available to this product or its ingredients.
Chemical Stability:	Stable under normal conditions Corrosive in presence of steel
Possibility of Hazardous Reactions:	Reacts violently with strong bases. Contact with metals may release flammable hydrogen gas.
Conditions to Avoid:	Extreme humidity, excess heat.
Incompatible Materials:	Metals, strong oxidizing agents and strong bases. Do not mix with solutions containing bleach or ammonia.
Hazardous Decomposition Products:	Under fire- Oxides of phosphorous at > 300 °C (572 °F)

Oral Administration:	Phosphoric Acid-LD50-(Rat-female)-1.7 mL/100 g body weight
Oral Administration:	Selenious Acid-LD50(rat)-38.1 mg/kg
Oral Administration:	Cupric Nitrate-LD50(Rat)-960 mg/kg
Dermal administration:	Not Established
Immediate effects:	Irritation or burns to skin, eyes and respiratory system
Cancer Hazard:	Not listed by IARC, NTP, OSHA, ACGIH
Routes of Exposure	Eyes, Skin, Inhalation, Ingestion

Crustations, Daphnia magna,	Phosphoric Acid-EC50 (48) >100 mg/L
Persistence and Degradability:	Not Available
Bioaccumulation potential:	Not known
Soil/Sediment Result:	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 will therefore not penetrate beyond the surface layer of soil and will not reach groundwater table.
Soil, mobility (Sa):	**aluminum. Except in very spec Tj [ )0(biAC-ICAL INFORMATIDDs7rl60) rl,. ExceSediment Result: Acid itself ti**

Cercla	Phosphoric Acid-RQ=5000 lbs
Cercla	Selenious Acid-RQ=10 lbs
Sara Hazard Classification	Copper Compounds-SARA 313 listed
Sara Hazard Classification	Selenium compounds-SARA 313 listed
Proposition 65	No Proposition 65 listed components in this formula
TSCA Inventory Status	All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements .

Disclaimer: The information is based on our knowledge to date but does not constitute an assurance of product properties and does not imply a legal contractual relationship.