

1. Product and Company Identification

Product Code: 404400QUART
Product Name: Empire Supreme P.T.C.
Company Name: Empire Cleaning Supply
11020 Bloomfield Ave
Santa Fe Springs, CA 90670
Phone Number: (323)248-7750
Web site address: <http://empirecleaningsupply.com/>
Emergency Contact: Chem Trec (800)424-9300
Recommended Use: Bathroom Cleaner
Intended Use: For sale to, use and storage by service persons only.
Additional Information: 408200GAL

2. Hazards Identification

Skin Corrosion/Irritation, Category 1B

Serious Eye Damage/Eye Irritation, Category 2

Acute Toxicity: Inhalation, Category 5

Acute Toxicity: Oral, Category 4

Acute Toxicity: Skin, Category 4



GHS Signal Word: Danger

GHS Hazard Phrases: H314 - Causes severe skin burns and eye damage.
H319 - Can cause serious eye irritation.
H333 - May be harmful if inhaled.
H302 - Harmful if swallowed.
H312 - Harmful in contact with skin.

GHS Precaution Phrases: P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P270 - Do not eat, drink or smoke when using this product.
P362+364 - Take off contaminated clothing and wash it before reuse.

GHS Response Phrases: P363 - Wash contaminated clothing before reuse.
P305+351+338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301+330+331 - If swallowed: Rinse mouth. Do NOT induce vomiting.
P301+310 - If swallowed: Immediately call a Poison Center or doctor.
P304+340 - If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P330 - Rinse mouth.
P302+352 - If on skin (or in hair): Wash with plenty of soap and water.

GHS Storage and Disposal Phrases: P411+235 - Store in cool dry place at room temperature away from direct sunlight. P501 - Dispose of contents and container according to the local, city, state and federal regulations.

SAFETY DATA SHEET

Empire Supreme P.T.C.

Page: 2

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Supersedes Revision: 06/18/2018

Inhalation:	Causes chemical burns to the respiratory tract.
Skin Contact:	Corrosive, causes permanent skin damage (scarring). Avoid any skin contact.
Eye Contact:	Corrosive to the eyes and may cause severe damage including blindness. Avoid any eye contact.
Ingestion:	Corrosive and may cause severe and permanent damage to mouth, throat, and stomach. May be fatal if swallowed.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
7664-38-2	Phosphoric acid	Proprietary	

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation:	Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. Call a physician.
In Case of Skin Contact:	Get medical aid immediately. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
In Case of Eye Contact:	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
In Case of Ingestion:	Do NOT induce vomiting. Drink large amounts of water. Call physician.
Note to Physician:	Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt:	NE
Explosive Limits:	LEL: N/A N.E. UEL: N/A N.E.
Autoignition Pt:	NE
Suitable Extinguishing Media:	CO2, dry foam, water.
Fire Fighting Instructions:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Substance is noncombustible.
Flammable Properties and Hazards:	No data available.
Hazardous Combustion Products:	No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled:	Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Discharge into the environment must be avoided.
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7. Handling and Storage

Precautions To Be Taken in Handling:	Do not breathe dust, vapor, mist, or gas. Do not get in eyes, on skin, or on clothing. Do not ingest or inhale. Wash hands thoroughly after handling.
Precautions To Be Taken in Storing:	Store in a cool, dry, well-ventilated area away from incompatible substances.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7664-38-2	Phosphoric acid	PEL: 1 mg/m3	TLV: 1 mg/m3 STEL: 3 mg/m3	No data.

Respiratory Equipment (Specify Type): No special requirements under normal use conditions.

Eye Protection: Safety glasses.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): Use adequate ventilation to keep airborne concentrations low.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Red liquid with cherry fragrance.

pH: ~ 0.50 - 2.00

Melting Point: NE

Boiling Point: >= 212.00 F

Flash Pt: NE

Evaporation Rate: NA

Flammability (solid, gas): No data available.

Explosive Limits: LEL: N/A N.E. UEL: N/A N.E.

Vapor Pressure (vs. Air or mm Hg): NA

Vapor Density (vs. Air = 1): NE

Specific Gravity (Water = 1): ~ 1.090

Density: ~ 9.09 LB/GA

Bulk density: NE

Solubility in Water: 100%

Saturated Vapor Concentration: NA

Octanol/Water Partition Coefficient: No data.

VOC / Volume: 0.0000 GL

Autoignition Pt: NE

Decomposition Temperature: NE

Viscosity: ~ 300 cps

Particle Size: NE

Heat Value: NE

Corrosion Rate: NE

10. Stability and Reactivity

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: None.
Incompatibility - Materials To Avoid: Cationic materials, strong oxidizers and strong alkali materials. Aluminum.
Hazardous Decomposition or Byproducts: CO, CO2.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: None.

11. Toxicological Information

Toxicological Information: CAS# 7664-38-2: Acute toxicity, LD50, Oral, Rat, 1530. MG/KG. Result: [Beha (missing text!)] [Chan (missing text!)] [in (missing text!)] [psyc (missing text!)] [test (missing text!)] ; BIOFAX Industrial Bio-Test Laboratories, Inc., Data Sheets., Vol/p/yr: 17-4, 1970
Carcinogenicity/Other Information: CAS# 7664-38-2: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

General Ecological Information: CAS# 7664-38-2: Not reported., Rainbow Trout (*Oncorhynchus mykiss*), fingerling, 5.190 %, 27 W, Growth, Water temperature: 16.00 C - 20.00 C C. Result: Morphological changes. ; Effect of Various Types of Phosphates on Zinc Availability to Rainbow Trout, Satoh, S., N. Porn-Ngam, T. Takeuchi, and T. Watanabe, 1993

13. Disposal Considerations

Waste Disposal Method: Dispose of contents and container according to the local, city, state and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Quart and one gallon: Limited Quantity.
Five Gallons or Higher: UN1760, Corrosive Liquids, n.o.s., (Contains Phosphoric Acid), 8, III.
DOT Hazard Class: 8 CORROSIVE
UN/NA Number: UN1760 **Packing Group:** III



LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: UN1760, Corrosive Liquids, n.o.s., (Contains Phosphoric Acid), 8, III.

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: UN1760, Corrosive Liquids, n.o.s., (Contains Phosphoric Acid), 8, III.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: UN1760, Corrosive Liquids, n.o.s., (Contains Phosphoric Acid), 8, III.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
7664-38-2	Phosphoric acid	No	Yes 5000 LB	No

This material meets the EPA Yes No Acute (immediate) Health Hazard
'Hazard Categories' defined Yes No Chronic (delayed) Health Hazard
for SARA Title III Sections Yes No Fire Hazard
311/312 as indicated: Yes No Sudden Release of Pressure Hazard
 Yes No Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7664-38-2	Phosphoric acid	CA PROP.65: No; CA TAC, Title 8: TAC, Title 8

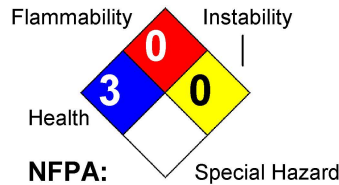
16. Other Information

Revision Date: 07/24/2020

Hazard Rating System:

HEALTH	<input type="checkbox"/>	3
FLAMMABILITY	<input type="checkbox"/>	0
PHYSICAL	<input type="checkbox"/>	0
PPE		B

HMIS:



Additional Information About No data available.

This Product:

Company Policy or

Disclaimer:

The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.