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### 1. Product and Company Identification

Product Code: 06396

Product Name: Ultra Complete
Company Name: Qualiti Laboratories
P.O. Box 4374

Mission Viejo, CA 92691

Emergency Contact: Chemtrec (800)424-9300

Recommended Use: Cleaner

**Intended Use:** For sale to, use and storage by service persons only.

#### 2. Hazards Identification

Skin Corrosion/Irritation, Category 1B

Serious Eye Damage/Eye Irritation, Category 2

Acute Toxicity: Oral, Category 4
Acute Toxicity: Skin, Category 4





GHS Signal Word: Danger

GHS Hazard Phrases: H302 - Harmful if swallowed.

H312 - Harmful in contact with skin.

H314 - Causes severe skin burns and eye damage.

H319 - Can cause serious eye irritation.

GHS Precaution Phrases: P102 - Keep out of reach of children.

P264 - Wash hands thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P280 - Wear protective gloves, protective clothing, eye protection, face protection.

GHS Response Phrases: P301+330+331 - If swallowed: Rinse mouth. Do NOT induce vomiting. P310 -

Immediately call a POISON CENTER or doctor/physician.

P303+361+353 - If on skin (or in hair): Take off immediately all contaminated clothing.

Rinse skin with water.

P304+340 - If inhaled: Remove victim to fresh air and keep at rest in a position

comfortable for breathing.

P305+351+338 - If in eyes: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

**GHS Storage and Disposal** 

P405 - Store locked up.

**Phrases:** P501 - Dispose of contents and container according to the local, city, state and federal

regulations.

**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.

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3. Composition/Information on Ingredients				
CAS#	Hazardous Components (Chemical Name)	Concentration		
7664-38-2	Phosphoric acid	Proprietary		
77-92-9	Citric 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** 

No data available.

**Products:** 

#### 6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or 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.

Spilled:

### 7. Handling and Storage

Precautions To Be Taken in

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

Store in a cool, dry, well-ventilated area away from incompatible substances.

Storing:

Handling:

Other Precautions: Keep away from oxidizing agents.

### 8. Exposure Controls/Personal Protection

CAS#	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7664-38-2	Phosphoric acid	"	TLV: 1 mg/m3 STEL: 3 mg/m3	No data.
77-92-9	Citric acid	No data.	No data.	No data.

## SAFETY DATA SHEET

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**Respiratory Equipment** 

(Specify Type):

Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits

are exceeded or if irritation or other symptoms are experienced.

**Eye Protection:** Wear appropriate protective eyeglasses or chemical safety goggles as described by

OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard

EN166.

Protective Gloves:

Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing:

Wear appropriate protective clothing to prevent skin exposure.

**Engineering Controls** 

Use adequate ventilation to keep airborne concentrations low.

(Ventilation etc.):

### 9. Physical and Chemical Properties

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

NA

**Appearance and Odor:** Colorless liquid with a mild or no 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):

Vapor Density (vs. Air = 1): NE Specific Gravity (Water = 1): ~ 1.180

**Density:** ~ 9.84 LB/GA

Bulk density: NE
Solubility in Water: 100%
Saturated Vapor NA

Concentration:

Octanol/Water Partition No data.

**Coefficient:** 

**VOC / Volume:** 0.0000 GL

Autoignition Pt:NEDecomposition Temperature:NEViscosity:NPParticle Size:NEHeat Value:NECorrosion Rate:NE

### 10. Stability and Reactivity

Stability: Unstable [ ] Stable [ X ]

Conditions To Avoid - None.

Instability:

Incompatibility - Materials To Strong oxidizers, ammonia, chlorine, strong alkali materials, aluminum.

Avoid:

Hazardous Decomposition or CO, CO2.

**Byproducts:** 

**Possibility of Hazardous** 

lazardous Will occur [ ] Will not occur [ X ]

Reactions:

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**Conditions To Avoid -**

None.

**Hazardous Reactions:** 

### 11. Toxicological Information

CAS# 7664-38-2: Acute toxicity, LD50, Oral, Rat, 1530. MG/KG. Results: [Beha **Toxicological Information:** 

> (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

CAS# 7664-38-2: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Information:

CAS#	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7664-38-2	Phosphoric acid	n.a.	n.a.	n.a.	n.a.
77-92-9	Citric acid	n.a.	n.a.	n.a.	n.a.

### 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. Results: 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: UN1760, Corrosive Liquids, n.o.s., (Contains Phosphoric Acid and Citric Acid), 8, PG

III.

**CORROSIVE DOT Hazard Class:** 8

UN1760 **UN/NA Number: Packing Group:** Ш



#### LAND TRANSPORT (Canadian TDG):

UN1760, Corrosive Liquids, n.o.s., (Contains Phosphoric Acid and Citric Acid), 8, PG **TDG Shipping Name:** 

MARINE TRANSPORT (IMDG/IMO):

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

III.

AIR TRANSPORT (ICAO/IATA):

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

III.

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### 15. Regulatory Information

**This material meets the EPA** [X] Yes [ ] No Acute (immediate) Health Hazard **'Hazard Categories' defined** [ ] Yes [X] No Chronic (delayed) Health Hazard

for SARA Title III Sections [ ] Yes [X] No Fire Hazard

**311/312 as indicated:** [ ] Yes [X] No Sudden Release of Pressure Hazard

[X] Yes [ ] No Reactive Hazard

CAS#	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7664-38-2	Phosphoric acid	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; FIFRA: Yes - Active - 076001, Inert; FDA/DEA CSA: No; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8
77-92-9	Citric acid	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; FIFRA: Yes - Active - 021801, Inert; FDA/DEA CSA: No; CA PROP.65: No; CA TAC, Title 8: No

### 16. Other Information

**Revision Date:** 06/03/2019

Hazard Rating System:





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.