

SAFETY DATA SHEET

Uratic Salt Remover

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Printed: 08/30/2017

Revision: 04/24/2015

1. Product and Company Identification

Product Code: Q-377
Product Name: Uratic Salt Remover
Company Name: Qual Chem Corp
2220 Otay Lakes Rd. #502
Chula Vista, CA 91915
Emergency Contact: Qual Chem (619)863-5254
Information: www.qualchem.com (866)932-6168
Recommended Use: Uratic Salt Remover
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: 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 - Causes 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.

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Potential Health Effects (Acute and Chronic):

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.

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.

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.

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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.

Melting Point: NE

Boiling Point: >= 212.00 F

Decomposition Temperature: NE

Autoignition Pt: NE

Flash Pt: NE

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

Specific Gravity (Water = 1): 1.090

Density: ~ 9.09 LB/GA

Bulk density: NE

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

Vapor Density (vs. Air = 1): > 1

Evaporation Rate: NA

Solubility in Water: 100%

Saturated Vapor Concentration: NA

Viscosity: 300 cps

pH: 0.5 - 2.0

Percent Volatile: No data.

VOC / Volume: 0.0000 GL

Particle Size: NE

Heat Value: NE

Corrosion Rate: NE

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10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - None.

Instability:

Incompatibility - Materials To Cationic materials, strong oxidizers and strong alkali materials. Aluminum.

Avoid:

Hazardous Decomposition Or CO, CO₂.

Byproducts:

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - None.

Hazardous Reactions:

11. Toxicological Information

Toxicological Information: No data available.

CAS# 7664-38-2:

Carcinogenicity/Other Information: Acute toxicity, LD50, Oral, Rat, 1530. MG/KG.
Results:

[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

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

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

12. Ecological Information

No data available.

Results of PBT and vPvB assessment: 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.

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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

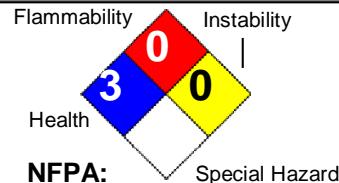
CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7664-38-2	Phosphoric acid	CAA HAP, ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8

16. Other Information

Hazard Rating System:

HEALTH	3
FLAMMABILITY	0
PHYSICAL	0
PPE	B

HMIS:



Revision Date: 04/24/2015

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.