

1. Product and Company Identification

Product Code: QRK406
Product Name: Ring King
Company Name: Nexgen
Pro-Line Industrial Products Inc.
9730 Variel Ave
Chatsworth, CA 91311
Phone Number: (818)982-5242

Emergency Contact: Chemtrec (800)424-9300

Recommended Use: Bathroom Cleaner
Intended Use: For sale to, use and storage by service persons only.

2. Hazards Identification

Skin Corrosion/Irritation, Category 1B
Target Organ Systemic Toxicity (single exposure), Category 3
Acute Toxicity: Oral, Category 4
Acute Toxicity: Skin, Category 4
Serious Eye Damage/Eye Irritation, Category 1
Acute Toxicity: Inhalation, Category 4



GHS Signal Word: **Danger**

GHS Hazard Phrases: Causes severe skin burns and eye damage.
May cause respiratory irritation.
Harmful if swallowed.
Harmful in contact with skin.
Causes serious eye damage.
Harmful if inhaled.

GHS Precaution Phrases: Do not breathe dust, fumes, mist, vapors, spray.
Wash hands thoroughly after handling.
Wear protective gloves, protective clothing, eye protection, face protection.
Avoid breathing fumes and spray mist.
Use only outdoors or in a well-ventilated area.
Do not eat, drink or smoke when using this product.

GHS Response Phrases: If on skin (or in hair): Take off immediately all contaminated clothing. Rinse skin with water.
Wash contaminated clothing before reuse.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists, get medical attention immediately.
If swallowed: Rinse mouth. Do NOT induce vomiting.
If swallowed: Immediately call a Poison Center or doctor.
If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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



SAFETY DATA SHEET

Ring King

Page: 2
Printed: 05/06/2016
Revision: 05/27/2015

Potential Health Effects (Acute and Chronic):

Inhalation: Causes chemical burns to the respiratory tract. Causes respiratory tract irritation. Harmful if inhaled.

Skin Contact: Causes skin burns. Causes skin irritation. Harmful if absorbed through the skin. Substance is rapidly absorbed through the skin. Causes symptoms similar to those of inhalation.

Eye Contact: Risk of serious damage to eyes. Causes eye burns. Causes eye irritation. May cause chemical conjunctivitis. Causes redness and pain.

Ingestion: Causes gastrointestinal tract burns. May cause irritation of the digestive tract. Harmful if swallowed. May cause gastrointestinal irritation with nausea, vomiting and diarrhea. May be fatal if swallowed.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
7664-38-2	Phosphoric acid	Proprietary
27176-87-0	Dodecylbenzenesulfonic acid	Proprietary
7647-01-0	Hydrochloric acid	Proprietary
67-63-0	Isopropyl alcohol	Proprietary

4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Inhalation: Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid.

In Case of Skin Contact: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

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: Never give anything by mouth to an unconscious person. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water. Wash mouth out with water. Call a poison control center.

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: NE

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

Autoignition Pt: NE

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.

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. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Flammable Properties and Hazards: No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Provide ventilation. Do not let this chemical enter the environment.

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. Avoid breathing dust, vapor, mist, or gas. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Use with adequate ventilation. Wash clothing before reuse.

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.
27176-87-0	Dodecylbenzenesulfonic acid	No data.	No data.	No data.
7647-01-0	Hydrochloric acid	CEIL: 5 ppm	CEIL: 2 ppm)	No data.
67-63-0	Isopropyl alcohol	PEL: 400 ppm	TLV: 200 ppm STEL: 400 ppm	No data.

Respiratory Equipment (Specify Type): Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. 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 chemical splash goggles. 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 (Ventilation etc.): Use adequate ventilation to keep airborne concentrations low.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid
Appearance and Odor: Blue color liquid with minty odor.
Melting Point: NE
Boiling Point: >= 212.00 F
Decomposition Temperature: NE
Autoignition Pt: NE
Flash Pt: NE
Explosive Limits: LEL: N/A UEL: N/A
Specific Gravity (Water = 1): 1.160
Density: 9.67 LB/GA



SAFETY DATA SHEET

Ring King

Page: 4
Printed: 05/06/2016
Revision: 05/27/2015

Bulk density: NE
Vapor Pressure (vs. Air or mm Hg): NE
Vapor Density (vs. Air = 1): > 1
Evaporation Rate: NE
Solubility in Water: 100%
Saturated Vapor Concentration: NE
Viscosity: 40 cps - 60 cps
pH: 0.0 - 1.0
Percent Volatile: No data.
VOC / Volume: 116.0000 G/L
Particle Size: NE
Heat Value: NE
Corrosion Rate: NE

10. Stability and Reactivity

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: Excess heat, flames and sparks.
Incompatibility - Materials To Avoid: Strong oxidizing agents, Reacts with most common metals to produce hydrogen gas. Is corrosive to many materials including leather, rubber, and many organics. Strong bases, Aluminum.
Hazardous Decomposition Or Byproducts: Phosphine, oxides of phosphorus, hydrogen gas. Carbon monoxide, Carbon dioxide.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: None.

11. Toxicological Information

Toxicological Information: No data available.
Carcinogenicity/Other Information: CAS# 7664-38-2: 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# 7647-01-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 111-76-2: ACGIH: A3 - Confirmed animal carcinogen with unknown relevance to humans. California: Not listed. NTP: Not listed. IARC: Not listed.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7664-38-2	Phosphoric acid	n.a.	n.a.	n.a.	n.a.
27176-87-0	Dodecylbenzenesulfonic acid	n.a.	n.a.	n.a.	n.a.
7647-01-0	Hydrochloric acid	n.a.	3	A4	n.a.
67-63-0	Isopropyl alcohol	n.a.	3	A4	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

CAS# 7647-01-0:

Effective concentration to {0} % of test organisms, Brook Trout (*Salvelinus fontinalis*), 10000. UG/L, Mortality, Water temperature: 11.70 C - 15.60 C C.

Results:

No observed effect.

- Toxicity Experiments with Fish in Reference to Trade Waste Pollution. I. The Problem of Water Pollution, Belding, D.L., 1927

LC50, Western Mosquitofish (*Gambusia affinis*), adult(s), 282000. UG/L, 96 H, Mortality, Water temperature: 21.00 C - 23.00 C C, pH: 8.20.

Results:

Morphological changes.

- Toxicity to *Gambusia affinis* of Certain Pure Chemicals in Turbid Waters, Wallen, I.E., W.C. Greer, and R. Lasater, 1957

LC50, Western Mosquitofish (*Gambusia affinis*), adult(s), 282000. UG/L, 24 H, Mortality, Water temperature: 21.00 C - 23.00 C C, pH: 8.20.

Results:

No observed effect.

- Toxicity to *Gambusia affinis* of Certain Pure Chemicals in Turbid Waters, Wallen, I.E., W.C. Greer, and R. Lasater, 1957

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: Limited quantity.
Gallon or higher: NA1760, Compounds, Cleaning Liquid, (Contains Phosphoric Acid and Hydrochloric Acid), 8, II.

DOT Hazard Class: 8 CORROSIVE

UN/NA Number: NA1760 **Packing Group:** II



LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: NA1760, Compounds, Cleaning Liquid, (Contains Phosphoric Acid and Hydrochloric Acid), 8, II.

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: NA1760, Compounds, Cleaning Liquid, (Contains Phosphoric Acid and Hydrochloric Acid), 8, II.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: NA1760, Compounds, Cleaning Liquid, (Contains Phosphoric Acid and Hydrochloric Acid), 8, II.

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
27176-87-0	Dodecylbenzenesulfonic acid	No	Yes 1000 LB	No
7647-01-0	Hydrochloric acid	Yes 500 LB	Yes 5000 LB	Yes
67-63-0	Isopropyl alcohol	No	No	Yes

CAS # Hazardous Components (Chemical Name)

Other US EPA or State Lists

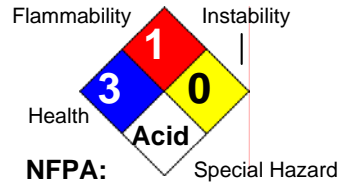
7664-38-2	Phosphoric acid	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8
27176-87-0	Dodecylbenzenesulfonic acid	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8
7647-01-0	Hydrochloric acid	CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8
67-63-0	Isopropyl alcohol	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8

16. Other Information

Hazard Rating System:

HEALTH		3
FLAMMABILITY		1
PHYSICAL		0
PPE		H

HMIS:



Revision Date:

05/27/2015

Additional Information About This Product: No data available.

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.