

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product Form : Mixture
Product Name : Mint Bowl Cleaner
Product Code : 4920-32

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Cleanser

1.3 Details of the supplier of the safety data sheet

Twi-Laq Industries, Inc.
1345 Seneca Avenue
Bronx, NY 10474
T (718) 638-5860

1.4 Emergency telephone number

Emergency number : CHEM-TREC 1-800-424-9300

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification (GHS-US)

Skin Irrit 1B, H314
Eye Irrit. 1, H319
Corr. Metals 1, H290

2.2 Label Elements

GHS-US labeling

Signal Word : **DANGER**
Pictograms :



Hazard Statements (GHS-US) : H314 - Causes severe burns and eye damage
H319 - Causes serious eye irritation
H290 - May be corrosive to metals

Precautionary statements (GHS-US) : P260 - Do not breathe dust/mist/spray
P264 - Wash hands and forearms thoroughly after handling
P280 - Wear Protective gloves/eye protection/face protection
P301+P330+P331 - If swallowed: rinse mouth. DO NOT induce vomiting
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340 - If inhaled; Remove person to fresh air and keep comfortable for breathing
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a poison center/doctor
P321 - Specific treatment (see first aid measures on this label)
P363 - Wash contaminated clothing before reuse
P405 - Store locked up
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations

2.3 Other Hazards

Not Applicable

2.4 Unknown Acute Toxicity

No Data Available

SECTION 3: Composition / Information on Ingredients

3.1 Substance

Not Applicable

3.2 Mixture

Name	Product Identifier	%	Classification (GHS-US)
phosphoric acid	(CAS No) 7664-38-2	1-5	Skin Corr. 1B, H314 Eye Dam. 1, H318

SECTION 4: First Aid Measures

4.1 Description of First Aid measures

First Aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

First Aid measures after skin contact : Take off immediately all contaminated clothing and shoes. Rinse with water or shower for at least 15 minutes.
IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN. Wash contaminated clothing before reuse.

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First Aid measures after eye contact : Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

First Aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms / injuries : Treat symptomatically

4.3 Indication of any immediate medical attention and special treatment needed

NOTE TO PHYSICIAN : Probable mucosal damage may contraindicate the use of gastric lavage.

SECTION 5: Firefighting Measures

5.1 Extinguishing Media

Suitable extinguishing media : Product does not support combustion. Use extinguishing agent suitable for type of surrounding fire.

5.2 Special hazards arising from the substance or mixture

Contact with metals may evolve flammable hydrogen gas.

Hazardous Combustion Products : May include carbon monoxide, carbon dioxide and other toxic gases or vapors.

5.3 Advice for firefighters

Firefighting Instructions : Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray.

Protection during firefighting : Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes, or clothing. Use personal protective equipment as required.

6.2 Environmental precautions

Do not rinse spill onto the ground, into storm sewers, or bodies of water.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up. : Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations. (see Section 13).

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Precautions for safe handling : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions : Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep out of the reach of children. Keep from freezing.

Incompatible Materials : Reactive metals such as aluminum, zinc and tin. Sodium hypochlorite (or other hypochlorites).

7.3 Specific end use(s)

No additional information available

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Occupational Exposure Limits : None Established

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH
phosphoric acid (CAS No.) 7664-38-2)	STEL: 3mg/m ³ TWA: 1mg/m ³	TWA: 1mg/m ³ (vacated) TWA: 1mg/m ³ (vacated) STEL: 3mg/m ³	IDLH: 1000mg/m ³ TWA: 1mg/m ³ STEL: 3mg/m ³

Engineering Controls : Provide good general ventilation.
If work practices generate dust/fumes, gas, vapors, or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered. Eye wash stations and shower facilities should be readily accessible in areas where the product is handled.

8.2 Exposure controls

Personal Protective Equipment : Not required with expected use

Skin Protection : Wear rubber or other chemical-resistant gloves.

Eye Protection : Wear splash goggles

Respiratory Protection : Not required with expected use.

If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.

General Hygiene Considerations : Wash hands and any exposed skin thoroughly after handling.

See 29 CFR 1910.132-138 for further guidance.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	: Liquid
Color	: Green
Odor	: Mint Fragrance
pH	: < 1.0
Evaporation rate (butyl acetate=1)	: >1 (Butyl acetate =1)
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: 100°C / 212°F
Flash Point	: >100°C / >212°F ASTM D56
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor Pressure	: No data available
Relative vapor density @ 20°C	: No data available
Relative density	: 1.14
Solubility	: Soluble in Water
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive Properties	: No data available
Oxidizing Properties	: No data available
Explosive Limits	: No data available

SECTION 10: Stability and Reactivity

10.1 Reactivity

This material is considered to be non-reactive under normal conditions of use.

10.2 Chemical Stability

Stable under normal Conditions

10.3 Possibility of hazardous reactions

Not expected to occur with normal handling and storage

10.4 Conditions to avoid

Extremes of temperature and direct sunlight

10.5 Incompatible materials

Reactive metals such as aluminum, zinc and tin. Sodium hypochlorite (or other hypochlorites).

10.6 Hazardous decomposition products

May include carbon monoxide, carbon dioxide (CO₂) and other toxic gasses or vapors.

SECTION 11: Toxicological Information

11.1 Information on toxicological effects

Likely routes of exposure : Eyes, Skin, Ingestion, Inhalation

Symptoms of Exposure:

Eye Contact	: Pain, Redness, and Swelling of the conjunctiva and tissue damage. Eye contact may cause permanent damage.
Skin Contact	: Pain, redness, blistering and possible chemical burn.
Inhalation	: Nasal discomfort and coughing
Ingestion	: Damage or chemical burns to mouth, throat, and stomach. Pain, nausea vomiting and diarrhea.

Immediate, Delayed, Chronic Effects

Product Information : Data not available or insufficient for classification.

Target organ effects : Eyes, Respiratory system, Skin

Numerical Measures of Toxicity

The following acute toxicity estimates (ATE) are calculated based on the GHS document.

ATEmix (oral)	: 6043mg/kg
ATEmix(dermal)	: 10782mg/kg

Component Acute Toxicity Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
phosphoric acid 7664-38-2	= 1530 mg/kg (Rat)	= 2730 mg/kg (Rabbit)	> 850 mg/m ³ (Rat) 1 h

Carcinogenicity : No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP, or OSHA.

SECTION 12: Ecological Information

12.1 Ecotoxicity

Chemical Name	Algae/ Aquatic Plants	Fish	Toxicity to microorganisms	Crustacea
phosphoric acid 7664-38-2	Not available	3-3.5:96 h Gambusia affinis ml/L LC50	Not available	4.6: 12h Daphnia magna mg/L EC50

Persistence and Degradability : No information available

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Bioaccumulation : No information available
Other Adverse Effects : No information available

SECTION 13: Disposal Considerations

13.1 Waste Treatment Methods

Disposal of Wastes : Dispose of in accordance with federal, state and local regulations
Contaminated Packaging : Dispose of in accordance with federal, state and local regulations

SECTION 14: Transport Information

DOT : ORM-D
Proper Shipping name : Otherwise Regulated Material

SECTION 15: Regulatory Information

TSCA Status : (Toxic Substance Control Act Section 8(b) Inventory)
All chemical substances in this product are included on or exempted from the listing on the TSCA Inventory of Chemical Substances

SARA 313 : This product does not contain listed substances above the "de minimus" level

SARA 311/312 Hazard Categories

Acute Health Hazard : Yes
Chronic Health Hazard : No
Fire Hazard : No
Sudden release of pressure hazard : No
Reactive Hazard : No

California Proposition 65

This product does not contain any Proposition 65 chemicals

This product does not contain any chemical known to the State of California to cause cancer

This product does not contain any chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

SECTION 16: Other Information

Revision Date : 5/26/2015
Reasons for Revisions : GHS compliance

Other Information

NFPA	Health Hazards: 3	Flamability: 0	Instability: 0	Special: N/A
HMIS	Health Hazards: 3	Flamability: 0	Physical Hazards: 0	

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