

# SAFETY DATA SHEET

Date issued : 12/22/2022

SDS number : TripleS\_Royal Blue Bowl Cleaner

## Royal Blue Bowl Cleaner

### 1. Identification

**Product code:** 13012

**Product identifier:** Royal Blue Bowl Cleaner

**Product description:** Low Acid Bowl Cleaner

**Chemical family:** Acid/detergent blend

**Relevant identified uses:** Clean and remove lime scale and rust from toilets and urinals.

**Distributor**

Triple S

98 Spit Brook Road

Nashua, NH 03062

<http://www.triple-s.com>

**Customer Service:** 978-667-7900

**Emergency telephone number (24 hour)**

888-779-1339

### 2. Hazard identification

**Classification of the substance or mixture**

**Health hazards:**

Skin Corrosion, Category 1B

Eye Damage, Category 1

**Physical hazards:**

Corrosive to Metals, Category 1

**Label elements**



Corrosion

**Signal word:** DANGER

**Hazard statement(s)**

H314: Causes severe skin burns and eye damage.

H302: Harmful if swallowed.

H290: May be corrosive to metals.

**Precautionary statement(s)**

**Prevention:**

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P260: Do not breathe fumes, gas, mist, vapors or spray.

P264: Wash hands thoroughly after handling.

P102: Keep out of reach of children.

**Response:**

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P363: Wash contaminated clothing before reuse.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P310: Immediately call a POISON CENTER or doctor/physician.

P391: Collect spillage.

**Storage:**

P405: Store locked up.

**Disposal:**

P501: Dispose of contents/container according to all local, state and Federal regulations.

**Emergency overview**

**Physical appearance:** Blue opaque liquid

**Immediate concerns:** Causes irreversible eye damage and skin burns.

**Potential health effects**

**Eye:** Corrosive, contact causes severe eye burns.

**Skin:** Contact may cause moderate to severe irritation.

**Skin absorption:** None Expected.

**Ingestion:** Harmful if swallowed.

**Reproductive toxicity**

**Teratogenic effects:** None known.

**Carcinogenicity:** None known.

**Mutagenicity:** None known.

**Routes of entry:** Eye, skin, ingestion.

**Cancer statement:** NA = Not Applicable

**Warning caution labels:** Corrosive

**3. Composition/information on ingredients**

Chemical name	% w/w	CAS No.
Hydrochloric Acid	5 - 10	7647-01-0
Nonoxynol	0 - 5	127087-87-0
Fragrance	< 1	TS
Dye	< 1	TS
Water	90	7732-18-5

**4. First-aid measures**

**Eye:** Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention immediately.

**Skin:** Remove contaminated clothing. Immediately flush with water followed by washing with mild soap. Seek medical attention.

**Ingestion:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**Inhalation:** Remove victim to fresh air and monitor. Seek medical advice if irritation persists.

**Most important symptoms and effects, both acute and delayed**

**Eye:** Severe burning sensation, damage marked by burns.

**Skin:** Burning sensation, redness.

**Ingestion:** Irritation of mouth, throat, along with upset stomach, vomiting.

**Inhalation:** Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.

**Acute effects:** Corrosive to eyes. Causes moderate to severe skin irritation. Harmful if swallowed.

**Indication of immediate medical attention and special treatment needed, if necessary:** Probable mucosal damage may contraindicate the use of gastric lavage.

**5. Fire-fighting measures**

**Flammable class:** None

**Suitable extinguishing media:** Not required.

**Explosion hazards:** None

**Hazardous decomposition products:** None Expected.

**6. Accidental release measures**

**Small spill:** Avoid runoff into storm sewers and ditches which lead to waterways.

**Large spill:** Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

**Environmental precautions**

**Water spill:** Avoid discharges into open waterways and notify your local emergency services if this occurs.

**Land spill:** Avoid discharge to soil.

**Air spill:** NA = Not Applicable

**General procedures:** Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other non-combustible material and transfer to containers.

**Release notes:** Product may be harmful to aquatic life.

**Special protective equipment:** Eye protection, rubber gloves, rubber boots to protect feet.

**7. Handling and storage**

**General procedures:** Close container after use.

**Precautions for safe handling:** Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.

**Conditions for safe storage:** Store in closed container in an area inaccessible to children.

**Storage temperature:** Store at ambient temperatures.

**Storage pressure:** Store at ambient atmospheric pressure.

## 8. Exposure controls/personal protection

### Exposure controls

Control parameters				
Occupational exposure limit values				
Chemical name	Type		ppm	mg/m <sup>3</sup>
Hydrochloric Acid	OSHA PEL	TWA	5 ppm	
	ACGIH TLV	TWA	2 ppm	
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL

### Individual protection measures, such as personal protective equipment

**Eye / face protection:** Chemical splash goggles.

**Skin protection - hand protection:** Rubber or other chemical resistant gloves.

**Respiratory protection:** A respirator is not needed under normal and intended conditions of product use.

**Occupational hygiene practices:** Wash with soap and water after handling. Do not eat, drink or smoke while using product.

## 9. Physical and chemical properties

**Physical state:** Liquid

**Color:** Blue opaque

**Odor:** Wintergreen

**Odor threshold:** Not Established

**pH:** < 1.0

**Freezing point:** 32° F; 0° C

**Initial boiling point and boiling range:** 212° F; 100° C

**Flash point:** None

**Evaporation rate (n-butyl acetate = 1):** (Water =1) 1.0

**Lower explosion limit / flammability limit:** N/A

**Vapor pressure:** 20 mm Hg at (68°F)

**Relative vapor density:** > 1 Air = 1

**Density:** 8.64 at 20°C (68°F)

**Relative density:** 1.035 grams/ml. at 20°C (68°F)

**Solubility:** Complete

**Auto-ignition temperature:** NA = Not Applicable

**Decomposition temperature:** Not Available

**Viscosity:** Water thin.

**Percent volatiles:** >90

**VOC content:** None

## 10. Stability and reactivity

**Reactivity:** Stable

**Dangerous polymerization:** Will not occur.

**Conditions to avoid:** Avoid excessive heat.

**Hazardous decomposition products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**Incompatible materials:** Strong alkalis, reducing agents, chlorine bleach products; metals e.g. aluminum, brass, copper, iron.

## 11. Toxicological information

### Acute toxicity

Chemical name	LD <sub>50</sub> (oral) mg/kg(rat)	LD <sub>50</sub> (dermal) mg/kg(rabbit)	LC <sub>50</sub> (inhalation) mg/l
Nonoxynol	960 to 3980 mg/kg (rat)	2000 to 2991 mg/kg (rabbit)	1.15 mg/L

**Acute dermal toxicity LD<sub>50</sub>:** Not Established

**Acute oral toxicity LD<sub>50</sub>:** Not Established

**Skin corrosion / irritation:** Corrosive

**Germ cell mutagenicity:** No known significant effects or critical hazards.

**Carcinogenicity**

Chemical name	IARC
Hydrochloric Acid	Group 3 - Not classifiable as to its carcinogenicity to Humans

**IARC:** Not Established

**Reproductive toxicity:** No known significant effects or critical hazards.

**Specific Target Organ Toxicity - single exposure:** No known significant effects or critical hazards.

## 12. Ecological information

**Ecotoxicological information:** This product is toxic to fish.

**Aquatic toxicity, both acute and chronic:** Not Established

**Persistence and degradability:** Not Established

**Other adverse effects:** Not Established

## 13. Disposal considerations

**Disposal methods:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Small amounts (less than 1 gallon) may be diluted with copious amounts of water and disposed of into sanitary sewer.

**For large spills:** Consult with local and state authorities for large volume disposal.

**Empty container:** Rinse container with clear water. Offer container for recycling, or dispose of in trash.

## 14. Transport information

### USA Department of Transport Regulations (DOT)

**UN proper shipping name:** Corrosive Liquid, n.o.s

**Technical name:** Hydrochloric Acid Solution

**Transport hazard class(es):** 8

**UN number:** 1760

**Packing group, if applicable:** III

**Placards:** Corrosive

**Hazard label:** Certain package sizes determine the proper labeling of containers. Consult manufacturer for specific information regarding proper labeling.

**DOT other shipping information:** Certain shipping modes and packaging sizes may have exceptions from the transport regulations. The classifications/information provided above may not reflect applicable exceptions. Contact the manufacturer for more specific information on the proper shipping of this material.

**U.S. Customs harmonization number:** 3808.94.0000

### ICAO - air

**UN proper shipping name:** Contact manufacturer for more information.

### IMDG - sea

**UN proper shipping name:** Contact manufacturer for more information.

## 15. Regulatory information

### UNITED STATES

#### Dot label symbol and hazard classification



Corrosive



Limited  
Quantity  
Ground

### SARA Section 311/312 Hazard Categories

**311/312 Health hazards:** Health - Acute

**313 reportable ingredients:** No listed substance

### EPCRA Section 313 Toxic Chemicals

Chemical name	% w/w	CAS No.	Comments
Nonoxynol	0 - 5	127087-87-0	N535 Nonylphenol Ethoxylates

### EPCRA Section 302 Extremely Hazardous Substances

**EPCRA Status:** No listed substance

### CERCLA Hazardous Substances and Reportable Quantities (RQ)

Chemical name	% w/w	CERCLA rq
Hydrochloric Acid	5 - 10	5,000

### TSCA (The Toxic Substances Control Act)

**TSCA regulatory:** All ingredients are listed on the TSCA Chemical Inventory.

**States with special requirements**

Chemical name	Requirements
Hydrochloric Acid	Massachusetts Right to Know Substance New Jersey Right To Know Substance New York Right to Know Substance Pennsylvania Right to Know Substance Rhode Island Right to Know Substance
Nonoxynol	Massachusetts Right to Know Substance New Jersey Right To Know Substance Pennsylvania Right to Know Substance

**California Proposition 65:** No listed substance

**Carcinogen:** NA = Not Applicable

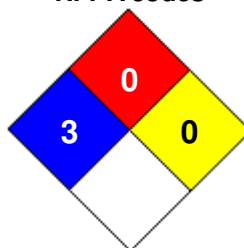
**16. Other information**

**Date Prepared:** 12/22/2022

**HMIS rating**

Health		3
Flammability		0
Physical hazard		0
Personal protection		B

**NFPA codes**



**Manufacturer disclaimer:** This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of the product either alone or in combination with other products. It is the responsibility of the employer and/or user to provide a safe workplace, using health and safety information contained herein as a guide. This company will accept no liability for damages or losses incurred from the improper handling and use of this product.