

# SAFETY DATA SHEET

Date Issued : 12/19/2014

SDS No : R17

## elements Organic Acid Bowl Cleaner

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** elements Organic Acid Bowl Cleaner

**GENERAL USE:** Clean and remove lime scale and rust from toilets and urinals.

**PRODUCT DESCRIPTION:** Organic Acid Bowl Cleaner

**PRODUCT CODE:** R17

**CHEMICAL FAMILY:** Acid/detergent blend

#### MANUFACTURER

MISCO Products Corporation

1048 Stinson Drive

Reading, PA 19605

**Emergency Phone:** 610-926-4106

**Customer Service:** 800-548-4568

**Transportation:** 800-548-4568

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEM-TEL (Medical and Transportation):** 800-255-3924

**POISON CONTROL CENTER (Medical):** 800-222-1222

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Health:

Eye Corrosion, Category 2A

Skin Irritation, Category 3

Acute Toxicity (Oral), Category 4

#### GHS LABEL



Exclamation  
mark

**SIGNAL WORD:** WARNING

#### HAZARD STATEMENTS

H319: Causes serious eye irritation.

H316: Causes mild skin irritation.

H302: Harmful if swallowed.

#### PRECAUTIONARY STATEMENT(S)

##### Prevention:

P280: Wear protective gloves and eye protection.

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.

P337+P313: If eye irritation persists: Get medical advice/attention.

P332+P313: If skin irritation occurs: Get medical advice/attention.

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

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

##### Storage:

P405: Store locked up.

##### Disposal:

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

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Blue liquid

**IMMEDIATE CONCERNS:** Eye irritant

#### POTENTIAL HEALTH EFFECTS

**EYES:** Contact causes eye irritation.

**SKIN:** Skin irritant with prolonged or repeated contact.

**SKIN ABSORPTION:** None Expected.  
**INGESTION:** Harmful if swallowed.  
**REPRODUCTIVE TOXICITY**  
**REPRODUCTIVE EFFECTS:** None known.  
**TERATOGENIC EFFECTS:** None known.  
**CARCINOGENICITY:** None known.  
**MUTAGENICITY:** None known.  
**ROUTES OF ENTRY:** Eye, skin, ingestion.  
**TARGET ORGAN STATEMENT:** No known significant effects or critical hazards.  
**CANCER STATEMENT:** NA = Not Applicable  
**SENSITIZATION:** None known.  
**WARNING CAUTION LABELS:** Corrosive

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Urea monohydrochloride	10 - 15	506-89-8
Propylene Glycol	0 - 2	57-55-6
Ethoxylate Alcohol C9-11	0 - 2	68439-46-3
Fragrance	< 1	TS
Dye	< 1	TS
Water	80 - 90	7732-18-5

**COMMENTS:** If CAS number is "TS", the specific chemical identity has been withheld as a trade secret.

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.  
**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 advise if irritation persists.  
**SIGNS AND SYMPTOMS OF OVEREXPOSURE**  
**EYES:** Burning sensation with tears, redness.  
**SKIN:** Redness and itching sensation.  
**INGESTION:** Irritation of mouth, throat, along with stomach upset, vomiting.  
**INHALATION:** No known significant effects or critical hazards.  
**ACUTE EFFECTS:** Irritating to eyes, mild skin irritation.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** None  
**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.  
**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.  
**HANDLING:** Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.

**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

**ENGINEERING CONTROLS:** Use in well ventilated area.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses with side shields.

**SKIN:** Rubber or other chemical resistant gloves.

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

**WORK HYGIENIC 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

**ODOR:** Fresh & Clean

**ODOR THRESHOLD:** Not Established

**COLOR:** Light blue

**pH:** < 1.0

**PERCENT VOLATILE:** >90

**FLASH POINT AND METHOD:** None

**FLAMMABLE LIMITS:** N/A

**AUTOIGNITION TEMPERATURE:** NA = Not Applicable

**VAPOR PRESSURE:** 20 mm Hg at (68°F)

**VAPOR DENSITY:** > 1 Air = 1

**BOILING POINT:** 212° F; 100° C

**FREEZING POINT:** 32° F; 0° C

**THERMAL DECOMPOSITION:** Not Available

**SOLUBILITY IN WATER:** Complete

**EVAPORATION RATE:** (Water =1) 1.0

**DENSITY:** 8.60 at (20°F)

**SPECIFIC GRAVITY:** 1.031 grams/ml. at (20°F)

**VISCOSITY:** Slightly viscous.

**(VOC):** None

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** Stable

**HAZARDOUS 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	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
Urea monohydrochloride	1121 mg/kg (rat)	No data available	No data available
Ethoxylate Alcohol C9-11	1400 mg/kg (rat)	> 5000 mg/kg (rat)	No data available

**DERMAL LD<sub>50</sub>:** Not Established

**ORAL LD<sub>50</sub>:** Not Established

**SKIN CORROSION/IRRITATION:** Corrosive

**GERM CELL MUTAGENICITY:** No known significant effects or critical hazards.

### CARCINOGENICITY

**IARC:** Not Established

**REPRODUCTIVE TOXICITY:** No known significant effects or critical hazards.

**STOT-SINGLE EXPOSURE:** No known significant effects or critical hazards.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Not Established

**ECOTOXICOLOGICAL INFORMATION:** Not Established

**AQUATIC TOXICITY (ACUTE):** Not Established

**CHEMICAL FATE INFORMATION:** Not Established

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** 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**

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Cleaning Compound, not regulated (for US domestic shipment only)

**PLACARDS:** No special requirements.

**LABEL:** No special requirements.

**OTHER SHIPPING INFORMATION:** No special requirements.

**U.S. CUSTOMS HARMONIZATION NUMBER:** 3808.94.0000

**AIR (ICAO/IATA)**

**SHIPPING NAME:** Contact manufacturer for more information.

**VESSEL (IMO/IMDG)**

**SHIPPING NAME:** Contact manufacturer for more information.

**15. REGULATORY INFORMATION**

**UNITED STATES**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HAZARD CATEGORIES:** Health - Acute

**313 REPORTABLE INGREDIENTS:** No listed substance

**302/304 EMERGENCY PLANNING**

**EMERGENCY PLAN:** No listed substance

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

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

**CALIFORNIA PROPOSITION 65:** No listed substance

**RCRA STATUS:** No listed substance

**CARCINOGEN:** NA = Not Applicable

**16. OTHER INFORMATION**

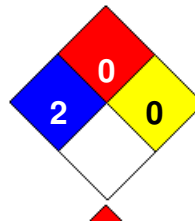
**PREPARED BY:** Regulatory Affairs Department

**Date Prepared:** 12/19/2014

**HMIS RATING**

<b>HEALTH</b>	1	<b>2</b>
<b>FLAMMABILITY</b>	0	<b>0</b>
<b>PHYSICAL HAZARD</b>	0	<b>0</b>
<b>PERSONAL PROTECTION</b>	<b>B</b>	

**NFPA CODES**



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