



# SAFETY DATA SHEET

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **BRIGHT BOWL & URINAL CLEANER™**  
PRODUCT USE: Toilet Cleaner  
PRODUCT NUMBER: K-473  
COMPANY: K & K Chemical  
PHYSICAL ADDRESS: 1303 Industrial Drive, Royse City, Texas, 75189  
MAILING ADDRESS: PO Box 1059, Royse City, Texas, 75189  
COMPANY PHONE: 800-958-6921  
WEB ADDRESS: KandKChemical.com  
EMERGENCY PHONE: INFOTRAC (24/7), 1-800-535-5053 (USA)

## SECTION 2. HAZARD(S) IDENTIFICATION

**DANGER**



### **HAZARD CATEGORIES:**

Acute Toxicity - Oral: 4  
Skin Corrosion/Irritation: 1  
Acute Toxicity - Inhalation: 3

### **HAZARD STATEMENTS:**

Harmful if swallowed  
Causes severe skin burns and eye damage  
Toxic if inhaled

### **PRECAUTIONARY STATEMENTS:**

#### **Prevention:**

Do not breathe mist, vapors or spray.  
Wear protective gloves / protective clothing / eye protection / face protection.  
Wash hands thoroughly after handling.

#### **Response:**

**IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor for treatment advice.  
**IF ON SKIN:** Take off immediately all contaminated clothing. Rinse skin with water [or shower]. Immediately call a POISON CENTER or doctor. 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. Immediately call a POISON CENTER or doctor.  
**IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor for treatment advice.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	SYNONYMS	CAS #	WT %
Hydrochloric acid	Muriatic acid	7647-01-0	19

## **SECTION 4. FIRST AID MEASURES**

**IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor for treatment advice.

**IF ON SKIN:** Take off immediately all contaminated clothing. Rinse skin with water [or shower]. Immediately call a POISON CENTER or doctor. 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. Immediately call a POISON CENTER or doctor.

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor for treatment advice.

## **SECTION 5. FIRE-FIGHTING MEASURES**

**SUITABLE EXTINGUISHING MEDIA:** Appropriate for surrounding media

**SPECIFIC HAZARDS:** Reacts with most metals producing hydrogen gas which is extremely flammable and may explode.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS:** None

**CONTAINMENT AND CLEAN-UP:** Neutralize spilled product with sodium carbonate (washing soda) or sodium bicarbonate (baking soda). Rinse away with water to drain or sewer.

## **SECTION 7. HANDLING AND STORAGE**

Store in original container. Do not store with strong bases (alkali). Keep away from heat. Shelf life is one year.

## **SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>MATERIAL</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
Hydrochloric acid	5 ppm TWA	2 ppm TWA

**APPROPRIATE ENGINEERING CONTROLS:** None required

## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Green, thin clear liquid

**ODOR:** Sassafras

**pH:** <1

**SPECIFIC GRAVITY:** 1.100

## **SECTION 10. STABILITY AND REACTIVITY**

**REACTIVITY:** Reacts with most metals producing hydrogen gas which is extremely flammable and may explode.

**CHEMICAL STABILITY:** Stable

**HAZARDOUS REACTIONS:** The product contains strong acid, which may react violently with bases and is corrosive. May react with strong oxidants, forming toxic gas (chlorine). Attacks many metals, forming flammable/explosive gas (hydrogen).

**CONDITIONS TO AVOID:** Heat & open flames.

**INCOMPATIBLE MATERIALS:** Oxidizers, alkalis, most metals

**HAZARDOUS DECOMPOSITION PRODUCTS:** Hydrogen chloride, phosgene (from heating)

## **SECTION 11. TOXICOLOGICAL INFORMATION**

**ROUTE(S) OF ENTRY:** Eyes, skin, inhalation

**LISTED CARCINOGEN:** No

**MEDICAL CONDITION AGGRAVATED:** Skin, liver or kidney problems

**INHALATION:** Severe respiratory tract irritation may occur

**INGESTION:** Harmful if swallowed

**EYES:** Severe burns, redness, tearing, blurred vision

**SKIN (DERMAL):** May cause severe burns

## **SECTION 12. ECOLOGICAL INFORMATION**

This product may be harmful or fatal to plant and animal life if released into the environment. It can substantially lower the pH of an aquatic environment and can be extremely toxic to fish and aquatic plants. The toxicity is primarily due to the pH.

## **SECTION 13. DISPOSAL CONSIDERATIONS**

Neutralized product may be washed down the drain or sewer. Rinse empty container well before recycling or discarding in trash.

## **SECTION 14. TRANSPORTATION INFORMATION**

**D.O.T. PROPER SHIPPING NAME:** UN3264, Corrosive liquid, acidic, inorganic, n.o.s. (Hydrochloric acid), 8, PGII. Qualifies for Exception 173.154 (Limited Quantity) in inner packaging containing not over 1.0 liter.

## **SECTION 15. REGULATORY INFORMATION**

None known

## **SECTION 16. OTHER INFORMATION**

**REVISION DATE:** Mar. 12, 2016

**HMIS:** Health = 3, Fire = 0, Reactivity = 1, Personal protection = B

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