



# SAFETY DATA SHEET

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **DUZ-ALL™ (Concentrate)**  
PRODUCT USE: Restroom Cleaner  
PRODUCT NUMBER: K-475  
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:**

Eye Damage/Irritation: 1  
Skin Corrosion/Irritation: 2  
Acute Toxicity - Inhalation: 4  
Acute Toxicity - Oral: 4  
Specific Target Organ Toxicity (Single Exposure): 3

### **HAZARD STATEMENTS:**

Causes serious eye damage  
Causes skin irritation  
Harmful if inhaled  
Harmful if swallowed  
May cause respiratory irritation

### **PRECAUTIONARY STATEMENTS:**

#### **Prevention:**

Do not breathe mist, vapors or spray.  
Wear protective gloves and safety glasses with splash shields.  
Wash hands thoroughly after handling.  
Do not eat, drink, or smoke when using this product.

#### **Response:**

**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 for treatment advice.

**IF SWALLOWED:** Rinse mouth with water. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor for treatment advice.

**IF ON SKIN:** Rinse with plenty of water. If skin irritation occurs: Get medical advice or attention. Take off contaminated clothing and wash before reuse.

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

### **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>CHEMICAL NAME</b>	<b>SYNONYMS</b>	<b>CAS #</b>	<b>WT %</b>
Phosphoric acid		7664-38-2	11
Nonylphenol polyethylene glycol ether	NP-9	127087-87-0	8
Isopropanol	Isopropyl alcohol	67-63-0	5
Hydrochloric acid	Muriatic acid	7647-01-0	3
Dodecylbenzenesulfonic acid		27176-87-0	2
Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chlorides	(Proprietary)	68424-85-1	1

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

**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 SWALLOWED:** Rinse mouth with water. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.

**IF ON SKIN:** Rinse with plenty of water. If skin irritation occurs: Get medical advice or attention. Take off contaminated clothing and wash before reuse.

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

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

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

**SPECIFIC HAZARDS:** Reacts with many 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>
Phosphoric acid	1 mg/m <sup>3</sup> 8 hr TWA	1 mg/m <sup>3</sup> 8 hr TWA
Nonylphenol polyethylene glycol ether	None Known	None Known
Isopropanol	4000 ppm	200 ppm TWA
Hydrochloric acid	5 ppm TWA	2 ppm TWA
Dodecylbenzenesulfonic acid	None Known	None Known
Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chlorides	None Known	None known

**APPROPRIATE ENGINEERING CONTROLS:** None required

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

**APPEARANCE:** Light blue, thin, clear liquid

**ODOR:** Mint

**pH:** <1

**SPECIFIC GRAVITY:** 1.051

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

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

**CHEMICAL STABILITY:** Stable

**HAZARDOUS REACTIONS:** Attacks many metals, forming flammable/explosive gas (hydrogen).

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

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

**HAZARDOUS DECOMPOSITION PRODUCTS:** Phosphorous oxides, phosphine

## **SECTION 11. TOXICOLOGICAL INFORMATION**

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

**LISTED CARCINOGEN:** No

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

**INHALATION:** Respiratory tract irritation may occur

**INGESTION:** Harmful if swallowed

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

**SKIN:** Causes irritation

## **SECTION 12. ECOLOGICAL INFORMATION**

This product may be harmful or fatal to plant and animal life if released into the environment.

Toxic to aquatic life with long lasting effects. Avoid release to the environment.



## **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. (Phosphoric acid, Hydrochloric acid), 8, PGIII. Qualifies for Exception 173.154 (Limited Quantity) in inner packaging containing not over 5.0 liters.

## **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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