



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

CHEMICAL NAME	SYNONYMS	CAS #	WT %
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

MATERIAL	OSHA PEL	ACGIH TLV
Phosphoric acid	1 mg/m ³ 8 hr TWA	1 mg/m ³ 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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