

## KD-460: Super-Strength Aluminum Brightener

**KD-460** is an extra-strength, acid-based, aluminum brightener designed to tackle the toughest cleaning of truck trailers, aluminum wheels and for preparing aluminum for painting. Do NOT use on glass, polished aluminum or anodized aluminum.

It uses ammonium bifluoride, not hydrofluoric acid, and is non-fuming, yet effective in removing grease, oils, baked-on carbon and diesel smoke.

**DIRECTIONS FOR USE:**

For heavy soils, mix with water at a 5:1 dilution rate. For light soils, mix at 20:1.

Rapidly wet surface with diluted KD-460 and allow it to stand for a few minutes. Go over the entire surface lightly with a pressure washer or brush, then flush thoroughly with plenty of clean water.

**DANGER:**

DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. DO NOT BREATHE VAPOR. USE ONLY WITH ADEQUATE VENTILATION.

When handling, wear chemical splash goggles, face shield, rubber gloves and protective clothing. Will cause eye and skin burns. Do not take internally. HARMFUL OR FATAL IF SWALLOWED.

Always read the Material Safety Data Sheet.

**FOR MEDICAL EMERGENCY**

Rocky Mountain Poison Ctr 303-623-5716

**FOR EMERGENCY SPILLS**

Chemtrec 1-800-424-9300

Outside U.S. call 703-527-3887



- **Restorative:** Restores oxidized aluminum
- **Versatile:** Works with hard and soft water
- **Deep Cleaning:** Acid-based for deep penetration
- **Versatile:** Cuts grease, oil, carbon, diesel smoke
- **Safe:** Non-fuming; does not contain hydrofluoric acid

HMIS RATING	Degree of Hazard:
Health 3	4 - Very high
Flammability 0	3 - High
Reactivity 2	2 - Moderate
Personal Protection D	1 - Slight
	0 - Least

**TECHNICAL DATA**

Specific Gravity: 1.14  
 Boiling Point: 212°F  
 pH (5% Solution): 1.0 or less  
 Vapor Pressure: 23mm/hg@70°F  
 Vapor Density (Air=1): 1.2  
 Solubility in Water: Soluble  
 Reactivity in Water: None  
 VOC Content: 0 grams  
 Melting Point: 10°F  
 Foam Level: N/A  
 Total Alkalinity: N/A  
 Freeze Thaw Stable: Yes  
 Hard Water Stable: Yes  
 Insolubles: None



5 Gallon #9.803-746.0



55 Gallon #9.803-746.5

**DISTRIBUTED BY:**

Container	Description	Part No.
5 Gallon	KD-460, Liquid Concentrate	9.803-746.0
55 Gallon	KD-460, Liquid Concentrate	9.803-746.5