

# TECHNICAL DATA SHEET

# JD

## ALUMINUM / STAINLESS STEEL CLEANER CONCENTRATE

JD Aluminum Cleaner is a highly concentrated acid cleaner that whitens and brightens stained and oxidized aluminum. This product is specially designed for cleaning over-the-road trucks and trailers. Cleans and brightens aluminum trailers, trailer rails, catwalks, tractor fuel tanks and wheels.

### DIRECTIONS

#### HANDLING INSTRUCTIONS

**USE EXTREME CAUTION! NOT TO BE USED BY AMATEURS.** Protective clothing (including but not limited to: apron, goggles, respirator, mask, face shield, gauntlet gloves, boots) is required with using this product.

Do not use on anodized or highly polished metal surfaces (including aluminum and stainless steel), on aluminum or magnesium wheels or wheel covers, plastic center caps or allow runoff to contact such surfaces, as irreversible damage or dulling may occur. Keep product off glass, fiberglass, and ceramic surfaces. Should product accidentally contact any of these surfaces, immediately flush with water. Repeated use of this product can cause degradation to metal surfaces and damage concrete.

JD Aluminum is a concentrate and must be diluted before use. 1 part of JD Aluminum may be diluted with 10 to 50 parts water. 1 part cleaner to 10 parts water is recommended for an initial cleaning of heavily oxidized trailers. 1 part cleaner to 50 parts water is recommended for regular cleaning (1 to 40 in winter). Rinse all surfaces thoroughly, including surfaces hit by over-spray or mist.

Apply the diluted solution to the surface with a brush or by spraying, working from the bottom to the top. Apply in overlapping strokes. This is important to avoid streaking. If a brush is used to apply solution, work a small area and rinse before continuing on to the next section to be cleaned. This is necessary to prevent the product from remaining on the surface to long and causing damage or making rinsing difficult. Larger sections can be worked when product is being applied by spraying, since the time of application is significantly reduced. Do Not Allow Product To Dry On Surface.

Only For Sale To,  
Use and Storage by  
Servicepersons.



### ADVANTAGES

- Reduces labor by removing heavy oxidation, road film, and diesel smoke with minimal brushing and contact time (15-30 seconds).
- Uniformly brightens aluminum surfaces leaving a "satin" finish.
- Highly concentrated. May be diluted with up to 50 parts of water.

### SPECIFICATIONS

Physical Form	Clear Liquid
Color	Light Blue
Scent	Sharp Acid
Specific Gravity	1.29
Density	10.7 lbs. per gallon
Foam Test 1% Solution	45mm
pH 1%	1.5
Acidity as HcSO <sub>4</sub> by Weight	39.44%
Acidity as HF by Weight	1.13%
Surfactant	2.3%
Total Activity	42.94%

#### DANGER:

Causes severe skin burns and eye damage.  
Fatal if inhaled. Fatal in contact with skin.  
Fatal if swallowed. Harmful to aquatic life  
with long-lasting effects.  
Keep out of reach of children.

#### SHIPPING WEIGHT IN POUNDS:

5 Gallon Plastic Pail	58.0 pounds
Case 4 Plastic Gallons	46.9 pounds

**Warsaw Chemical** CO. INC.  
P.O. BOX 858 • Warsaw, Indiana 46581  
1-800-548-3396