

**Engineered Specifically
for Pressure Washers**

| Available in | Description | Stock # |
|--------------|--------------------|---------|
| 5-Gal. Pail | Liquid Concentrate | 9-43005 |
| 55-Gal. Drum | Liquid Concentrate | 9-43055 |

L-209

Aluminum Brightener Concentrate

APPLICATIONS:

- Tractors - Trailers
- Aluminum Wheels
- Trucking Companies

Other applications: Truck trailers, aluminum aircraft components, preparing aluminum for painting

FEATURES / USER BENEFITS

■ Deep Cleaning

Extra-heavy duty acid-based detergent

■ High Dilution Ratio

Up to 350:1 means more economical cost-in-use

■ Biodegradable

Peace of mind that it's safe to use

■ Versatile

Works with hard or soft water, designed for use in a pressure washer

■ Fast Acting

Formulated to cut grease, oils, carbon and diesel smoke quickly

■ Corrosion Inhibitors

Helps prevent flash rusting

EXCLUSIVE
MULTI-METAL
**CORROSION
INHIBITOR
PACKAGE**



An aluminum brightener concentrate with a blend of ammonium bifluoride and sulfuric acid to chemically clean and brighten in one step. Removes road film, oxide film and diesel smoke from aluminum trailers, aircraft, vent hoods, etc. Do NOT use on polished aluminum.

Kosher approved



LANDA®

CLEANING SYSTEMS

Another Top-Rated Detergent from North America's Largest Manufacturer of Industrial Pressure Washers

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LABEL INSTRUCTIONS

L-209

Aluminum Brightener Concentrate

HMIS RATING:

| | | |
|----------------------|---|---|
| HEALTH: | 3 | Degree of Hazard: 4-Very high 3-High 2-Moderate 1-Slight 0-Insignificant |
| FLAMMABILITY: | 0 | |
| REACTIVITY: | 2 | |
| Personal Protection: | D | |

INGREDIENTS:

Water (CAS#7732-18-5)
Sulfuric Acid (CAS#7664-93-9)
Ammonium Bifluoride (CAS#1341-49-7)
Cocamidopropyl Amino Betaine
(CAS#61789-40-0)

**For medical emergency call:
Rocky Mountain Poison Center
303-623-5716**

**For emergency spills call:
Chemtrec 1-800-424-9300
Outside U.S. call: 703-527-3887**

Technical Data

Color Light Tan Liquid
Odor Strong Acid
Specific Gravity 1.14
pH (5% Solution) 1.0
Boiling Point 212° F
Vapor Pressure .. .23mm/hg @ 70° F
Vapor Density (Air=1) 1.2
VOC Content 0 grams
Solubility in Water Soluble
Reactivity in Water Strong Acid
Melting Point 10° F
Foam Level 250 ml
Total Alkalinity N/A
Freeze Thaw Stable Yes
Hard Water Stable Yes
Insolubles None
Shelf Life 1-Yr Minimum
in closed container
Materials to Avoid Alkaline
chemicals, oxidizers

*Engineered Specifically for Pressure Washers and Features
Landa's Exclusive Multi-Metal Corrosion Inhibitor Formula*

SPECIAL FEATURES:

L-209 is an extremely concentrated aluminum brightener that features a blend of ammonium bifluoride and sulfuric acid especially effective in removing road film, oxide film and diesel smoke from aluminum surfaces

It is biodegradable, non-fuming, non-butyl and cleans and brightens in only one step.

L-209 is engineered specifically to be metered through a hot- or cold-water pressure washer. The extremely high dilution ratio makes the cost-in-use very economical.

With an aggressive acid inhibitor system, L-209 helps minimize metal removal. DO NOT use on glass, polished aluminum or anodized aluminum.

L-209 is ideal for brightening aluminum surfaces found on truck trailers and aluminum wheels. Hot water will improve performance.

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.

CAUTION:

Always add acid to water and never the reverse.

Cannot ship via UPS.

**Si usted no puede leer inglés,
antes de usar este producto
pida a su supervisor que le
de instrucciones.**



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DIRECTIONS FOR USE:

Read Material Safety Data Sheet thoroughly before using this product. Dilute 120:1 or 350:1, depending on soil concentration. DO NOT use on glass, polished aluminum or anodized aluminum.

Apply with a Hot or Cold Water Pressure Washer:

Pressure washers use an injector and mix the detergent into the water spray at a rate of about 15:1. DO NOT allow L-209 to flow through the high pressure pump. Use through a downstream detergent injector only. Consult your Landa Dealer for detergent metering specifications. Apply from the bottom up, allow to remain on the surface for 2 - 3 minutes then rinse.

FIRST AID:

EYES: Immediately flush with water for 15 minutes. Forcibly hold eyelids apart to ensure complete irrigation of eye/lid tissue. Get medical attention immediately

SKIN: Immediately flush with water for 15 minutes while removing contaminated clothing and shoes. If skin becomes irritated, immerse and soak the affected area for at least 30 minutes in one of the following: Iced 0.13% aqueous Zephiran Chloride solution, Iced 70% Alcohol solution or ice-cold saturated solution of magnesium sulfate. Get medical attention if irritation persists. **NOTE:** DO NOT USE ZEPHIRAN CHLORIDE ON EYES

INTERNAL: DO NOT induce vomiting. Give large quantities of water or milk of magnesia. Call a physician immediately.

**KEEP OUT OF REACH OF CHILDREN
FOR INDUSTRIAL USE • KEEP FROM FREEZING
DO NOT USE IN A CONFINED SPACE**

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