

**Engineered Specifically  
for Pressure Washers**

Available in	Description	Stock #
5-Gal. Pail	Liquid Concentrate	9-42005
55-Gal. Drum	Liquid Concentrate	9-42055

# Super Nova™

## Aluminum Brightener

### APPLICATIONS:

- Truck Trailers
- Aluminum Wheels
- Vehicles

*Other applications: Preparing aluminum for painting*

### FEATURES / USER BENEFITS

#### ■ Deep Cleaning

*Extra heavy duty acid-based detergent*

#### ■ High Dilution Ratio

*Up to 20:1 means more economical cost-in-use*

#### ■ Biodegradable

*Peace of mind that it's safe to use, does not contain hydrofluoric acid*

#### ■ 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

*Superior acid inhibitor system for aluminum helps minimize metal removal*



*An extra-strength, non-fuming acid detergent for the absolute toughest jobs in cleaning and restoring aluminum. Ideal for restoring oxidized aluminum as well as preparing aluminum for painting. Helps prevent rusting with Landa's exclusive, advanced corrosion inhibitors.*



# LANDA®

## CLEANING SYSTEMS

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

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# LABEL INSTRUCTIONS

# Super Nova™ Aluminum Brightener

## 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)  
Quaternary Ammonium Chloride  
(CAS#68187-69-6)

**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**

This product contains 12 grams  
of VOC per liter

## Technical Data

Specific Gravity .....1.14  
pH (Undiluted) .....1.0 or less  
Boiling Point .....212° F  
% Volatiles by Volume .....65%  
Vapor Density (Air=1) .....1.2  
VOC Content .....< 1.0%  
Solubility in Water .....Soluble  
Reactivity in Water .....None  
Melting Point .....32° F  
Foam Level .....N / A  
Total Alkalinity .....N / A  
Freeze Thaw Stable .....Yes  
Hard Water Stable .....Yes  
Insolubles .....None  
Shelf Life .....1-Yr Minimum  
in closed container

*Engineered Specifically for Pressure Washers with LANDA's  
Exclusive Multi-Metal Corrosion Inhibitor Formula*

## SPECIAL FEATURES:

Super Nova is a super-strength, acid-based, aluminum brightener formulated for the absolute toughest jobs in cleaning and restoring aluminum. It does not contain hydrofluoric acid.

It is biodegradable, non-fuming, and effectively removes carbon, grease, oils and diesel smoke from aluminum surfaces.

Super Nova is engineered specifically to be metered through a hot- or cold-water pressure washer. The dilution ratio makes the cost-in-use economical.

Because it contains a superior acid inhibitor system, Super Nova helps minimize metal removal.

DO NOT use on glass, polished aluminum or anodized aluminum!

Super Nova is ideal for truck trailers, aluminum wheels, vehicles and preparing aluminum for painting.

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

## DIRECTIONS FOR USE:

**Read Material Safety Data Sheet thoroughly before using this product.** For heavy soils, mix with water at a 5:1 dilution rate. For light soils, mix at 20:1. Rapidly wet surface with diluted Super Nova 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.

**Apply with a Hot or Cold Water Pressure Washer:** Pressure washers use an injector and mix the detergent with the water spray at a rate of about 15:1. DO NOT allow Super Nova to flow through the high pressure pump. **Use a downstream detergent injector only.**

## 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.

## 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, milk or milk of magnesia. Call physician immediately.

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



Toll-Free: (800) 547-8672  
Fax: 360-833-9200  
techsupport@landa.com  
www.landa.com

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Landa Midwest | Calumet Chicago Company  
2911 Bernice Road  
Lansing, IL 60438  
Phone: 800-732-5538  
landa@calumetchicago.com