# **Engineered Specifically** for Pressure Washers

Available in	Description	Stock #
5-Gal. Pail	Liquid Concentrate	9-63005
55-Gal. Drum	Liquid Concentrate	9-63055

# **L-217** Super-Duty Cleaner-Degreaser

# **APPLICATIONS:**

Truck Undercarriages
Heavy Equipment
Ovens and Oven Vents
Machinery

Other applications: Engines, cars, trucks, RVs, floors, walls, building exterior, tanks, fifth-wheels, trucks, railroad cars, airport runways.

## FEATURES / USER BENEFITS

## Deep Cleaning

Butyl-based blend with precise amount of potassium hydroxide delivers deep cleaning action

**High Dilution Ratio** Up to 100:1 ratio means more economical cost-in-use

**Biodegradable** Peace of mind that it's safe to use

**Versatile** Works with hard or soft water

Fast Acting Formulated to cut grease and suspend oils quickly

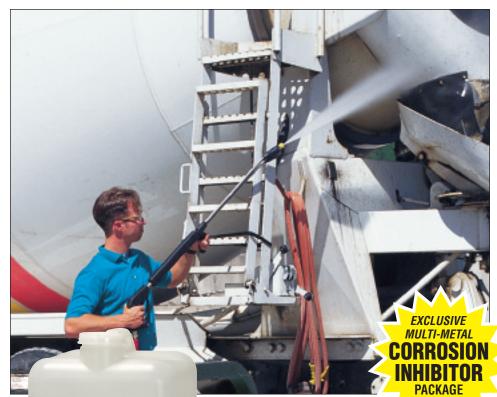
### High Foaming

Reduces splash back while applying and rinsing; plus it creates a longer dwell time for more effective surface cleaning

**Corrosion Inhibitors** Helps prevent flash rusting

Kosher approved







This butyl-based, super-duty cleaner-degreaser quickly dissolves grease, dirt and grime. It produces a generous foam and rinses easily with water. Safe to use on most surfaces and applications but NOT polished aluminum, magnesium wheels, galvanized metals or fine automotive finishes.



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

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# LABEL INSTRUCTIONS

# **L-217** Super-Duty Cleaner - Degreaser

#### HMIS RATING:

HEALTH:3Degree of Hazard:FLAMMABILITY:4-Very high<br/>3-HighREACTIVITY:2Personal Protection:B

#### **INGREDIENTS:**

Water (CAS#7732-18-5) Potassium Hydroxide (CAS#1310-58-3) Tetrapotassium Pyrophosphate (CAS#7320-34-5) Sodium Metasilicate (CAS#6834-92-0) Ethylene Glycol Monobutyl Ether (CAS#111-76-2) Cocamidopropyl Hydroxy Sultaine (CAS#70851-08-0)

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**

<b>Color</b> Phosphorescent yellow
Odor Glycol ether
Specific Gravity 1.06
<b>pH (5% Solution)</b> 11.7
<b>Boiling Point</b>
Vapor Pressure23mm/hg @ 70° F
Vapor Density (Air=1) 1.2
VOC Content
Solubility in Water Soluble
Reactivity in Water None
Melting Point 32° F
Foam Level 250 ml
Total Alkalinity 3.5 ml
Freeze Thaw Stable Yes
Hard Water Stable Yes
Insolubles None
Shelf Life 1-Yr Minimum in closed container
Materials to Avoid Acids

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

#### **SPECIAL FEATURES:**

L-217 is a super-duty, cleaner-degreaser designed to quickly dissolve grease, dirt and grime. It produces a generous foam and rinses easily with water.

L-217 contains potassium hydroxide and is butyl-based for extra-tough cleaning tasks. It also has a heavy blend of water softening agents and works well in hard or soft water.

L-217 is economical, because of its high dilution ratio, and is ideal for cleaning most surfaces and applications—except for galvanized metals and polished aluminum.

L-217's formula of surfactants make it ideal for fast penetration and removal of soil in a variety of applications, such as cleaning heavy equipment, repair shops, sidewalks, parking lots, parts degreasing, exhaust tracks and sanitation facilities.

#### **CAUTION:**

Do NOT allow this product to dry on painted surfaces. Do NOT use on polished aluminum, magnesium wheels or galvanized metals. Do NOT use on aluminum at mixtures stronger than 35 to 1.

Cannot ship via UPS.

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 general use in hot or cold water. Adjust dilution depending on severity of cleaning situation.

#### Apply with a Hot or Cold Water Pressure

**Washer.** Use at a dilution rate of 100:1 or 40:1 (or even 20:1) for tougher jobs. Pressure washers use an injector and mix the detergent into the water spray at a rate of about 15:1. Consult your Landa Dealer for detergent metering specifications. When using a pressure washer, wash from the bottom up (applying detergent) and rinse from the top down.

#### DANGER:

Contains Potassium Hydroxide. DO NOT get in eyes, on skin or on clothing. DO NOT breathe vapor. USE ONLY WITH ADEQUATE VENTILA-TION. 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. Get medical attention immediately. **SKIN:** Immediately wash thoroughly with water. Get immediate medical attention. **INTERNAL:** DO NOT induce vomiting. Give large quantities of water or milk. Call a physician immediately.

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



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