



L & A PRODUCTS, INC. 1993 WEST COUNTY ROAD B2 • SAINT PAUL, MINNESOTA 55113

PHONE
Area 612-633-4820PRODUCT SPECIFICATIONPRODUCT: L & A - 16 Liquid All Purpose Detergent, USDA ApprovedDescription:

A bright, yellow-green, semi-viscous liquid car wash concentrate designed for hard water areas. It is primarily designed to be used in place of powdered material whenever the solubility is a problem. It works as good in cold water as hot water.

L & A-16 is a product totally based on biodegradable organic surfactant, detergents and water conditioners. It contains no phosphate which is considered as a contributing chemical for water pollution today.

Physical Properties:

W.P.G.	: 9.59
Solids	: 47.46 (+) 1%
Total Solids	: 47.46%
Active Solids	: 42.46%
Solubility	: Infinitely soluble in water at all proportions at temperature above 32°F.
Foam	: High foaming type at all proportions in water
pH	: 1% solution - 11.3 Concentrated - 12.3
Stability	: Freezes and recovers to one phase upon thawing
Safety	: Non-injurious to virtually all hard surfaces when used as recommended.

Uses & Applications:1) Car Wash Establishments:

Automatic: 1/8 - 1/4 oz./gal.
Coin-op or manual: 1/4 - 3/4 oz./gal.

2) Other Uses:

- a) Gas leak test, use undiluted or cut 1 - 1 with water. Apply over pipe joints for leak detection.
- b) General hard surface cleaning of floors, walls, fixtures, venetian blinds, virtually all hard surfaces, use 1/4 - 1/2 oz./gal.
- c) Pot and pan cleaning, 1/2 - 1 oz./gal., wear latex rubber gloves for persons with sensitive skin.
- d) Dairy & food handling utensils & equipment, use 1/4 - 1 1/4 oz./gal.
- e) Commercial rug cleaning, cut 1 to 40 parts water.
- f) Machinery and equipment cleaning, cut 1 to 10 with water. Apply with dampened cloth.
- g) Steam cleaning, cut 1 to 40 parts water.
- h) Wax stripping from floors, cut 1 to 10 with water.
- i) Window cleaning, cut 1 to 100 with water.
- j) Laundry, use 1/4 - 1/2 oz./gal. (High Suds).



L & A PRODUCTS, INC. 1993 WEST COUNTY ROAD B2 • SAINT PAUL, MINNESOTA 55113

PHONE
Area 612-633-4820

PRODUCT SPECIFICATION

PRODUCT: L & A 36-L Multi-purpose Spray Cleaner - USDA Approved

DESCRIPTION:

Physical - Brilliant green-yellow liquid
Chemical - Moderately alkaline product composed of a variety of surfactant-emulsifiers and water soluble solvents.
Biodegradable.

USES:

L & A 36-L can be used on virtually all hard surfaces except automobile (passenger) finish where some caution is needed. It is especially effective on soils such as dust-oil combined soil, soft carbon soot deposits and greasy oil accumulation. Normally, one path spray application 1 - 1 to 10 at ambient temperature, allow 5 to 10 minutes, then followed by water rinse will suffice.

Ink removal from machine and floors - 1 to 2 dilution.
White sidewall tires - 1 to 3 dilution.
Food processing plants, filters - 1 to 5 dilution.
Diesel locomotives and engine rooms - 1 to 5 - 10 dilution.
Ready Mix Trucks Chassis - 1 to 10 dilution.
Trucks - 1 to 20 dilution.
Latex glue machine and floors - 1 to 1 dilution.
Tractor rear end - 1 to 1 dilution.
Trailers - 1 to 10 dilution.
Auto engines - 1 to 3 dilution.
Concrete Floors - 1 to 5 dilution.
Many other applications - just try it.

PHYSICAL PROPERTIES:

Weight per gallon = 9.09
Flash Point = none
Freeze-Thaw = Will recover after thawing and will not deteriorate efficiency of the product.
Highly Concentrated Product - L & A 36-L in a diluted form of one product vol. to five volumes of water will be equivalent to popular products such as "FORMULA 409", "Fantastik" or "Swipe" on the market today.