



Highly concentrated Ledizolv® removes lead contaminated dust on any surface – yet it has a mild pH, is phosphate-free, and completely biodegradable.

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- distributors
- technical information
- free samples
- new developments

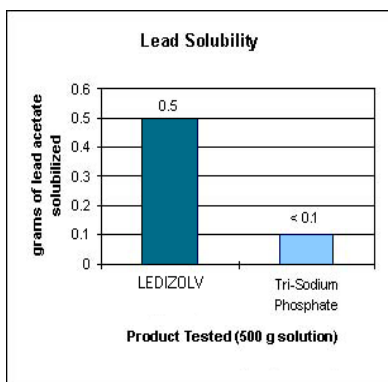


Ledizolv®

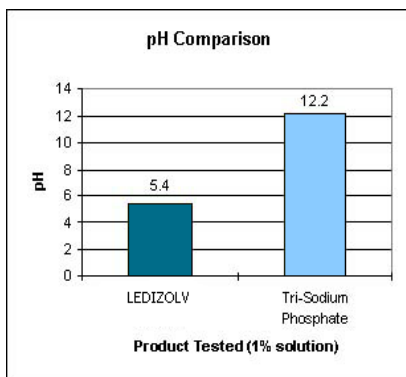
The Lead-Specific Detergent™

- As a result of extensive research and development, Ledizolv is a liquid, phosphate free, lead dissolving, controlled foam anionic detergent.
- Even at ambient temperatures, Ledizolv has outstanding metal-ion solubilizing properties at concentrations as low as 2%.
- Although highly concentrated, Ledizolv has a mild pH, excellent health, safety and handling characteristics and is biodegradable and readily disposable.

- Ledizolv reduces costly clearance-testing failures. Unlike tri-sodium-phosphate (TSP) detergents, Ledizolv is free rinsing. While TSP actually precipitates lead, it won't solubilize or hold it in solution, while Ledizolv will emulsify and encapsulate all metal ions in solution. TSP is also highly alkaline with a pH over 12 and its residue can drastically decrease the adhesion properties of encapsulants. Ledizolv has been formulated to exhibit very high complexing, sequestering and metallic-ion solubilizing with many di-valent, tri-valent and tetra-valent metallic ions, combined with excellent hard surface detergency.
- As a result, Ledizolv helps reduce clearance-testing failures, eliminating additional costs for re-cleaning and re-testing as well as re-occupancy delays.
- In addition, Ledizolv 's zero phosphate level and near neutral pH reduce disposal difficulties.
- And, as a hard-surface cleaner Ledizolv exhibits good wetting, emulsifying, sequestering, chelating, soil deflocculating and rinsing properties to reduce additional environmental concerns in lead abatement.



Ledizolv solubilizes lead, unlike TSP-based solutions, which form an insoluble precipitate, lead phosphate.



At 1-2%, Ledizolv has a pH of approximately 5.4, making it near neutral. Solutions require little or no pH adjustments prior to disposal.

Directions: Make a fresh 2% solution (5 Tbsp. per gal., 2.5 oz. per gal. or 20 ml per liter) in warm water. Clean by wet mop or spray on application. RINSE THOROUGHLY with clean water. Used on a wide range of glass, ceramic, plastic, tile, concrete, gypsum board, plaster, wood, vinyl, metal surfaces.

Available in convenient sizes:

- 25 x 16oz case of bottles
- 4 x 1gal case of bottles
- 15 gallon drum
- 55 gallon drum

LSZ Catalog #

- 91625
- 90104
- 91501
- 95501

One gallon of concentrate makes 50 gallons of diluted solution

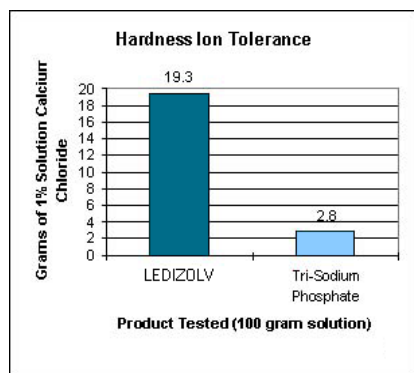
One gallon of diluted solution remediates 200 sqft porous surface, or 400 sqft smooth surface



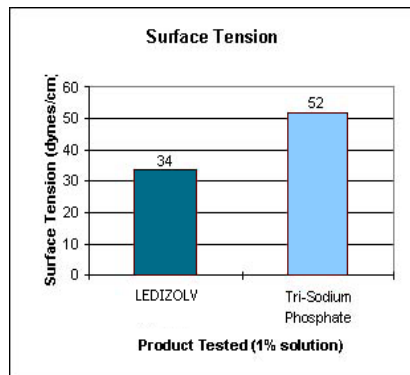
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Ledizolv possesses sufficient water softening properties to maintain its capacity to remove lead, even when mixed with hard water.



Ledizolv has a lower surface tension than TSP solutions. This allows for more even and effective coverage on a given surface.

PHYSICAL DATA	Typical Value
pH as is, and at 1-2%	5.3 – 5.4
Specific gravity (g/ml)	1.08
Density (lbs./gal.)	8.98
Flash Point (degrees F)	Non-flammable
Phosphate Content (as Phosphorus)	0%
Fragrance and Dye Content	0%
Surface Tension 1% Sol'n (Dyne/cm)	34
Color:	Pale Yellow
Form:	Liquid
Solubility in Water:	Completely soluble in all preparations
Biodegradability:	Biodegradable
Foam Tendency:	High Foaming
Shelf Life:	Two years from manufacture month

Health Safety Information:

OSHA Hazardous Ingredients: None
RCRA Hazard Class: Non-hazardous
RoHS: No RoHS hazardous ingredients
EPA Priority Pollutants: None
DOT Hazard Class: Non-hazardous
Flammability: Non-flammable
Latex Content: None in detergent, packaging materials or adhesives.
Oral Toxicity: LD₅₀ >5000 mg/kg (Rat, Oral)
Eye Irritation: Mild to Moderate eye irritant if not rinsed
Inhalation Toxicity: Non-irritating
VOC Content: 0%
Carcinogenicity: NTP = No IARC = No OSHA = No
 All ingredients in LSZ are listed in TSCA inventory.

Safety Precautions:

No special precautions other than good industrial hygiene and safety practices employed with any industrial chemical (see Directions). A Material Safety Data Sheet is available at www.ledizolv.com or by calling 914-948-4040 and asking for the SDS prompts. The Ledizolv catalog number starts with 9. Contact LSZ, Inc. for purchase specifications. Information presented is typical. Not to be taken as specifications. Typical data is not a specification

While the information in this report should not be considered to be a product warranty, we urge you to investigate, test and verify the suitability of LSZ detergents for your specific application. We, of course, cannot give permission to use, or recommend the use of, our detergents where they infringe patents.