



**BARDAHL**<sup>®</sup>

# Ktex<sup>™</sup>

## Cleaning Solvent

*The Winning Solvent for Better Cleaning,  
Increased Productivity and Lower Costs*



**FIRBIMATIC**



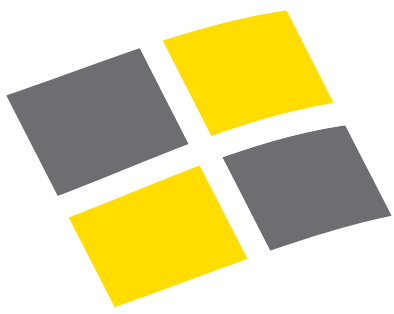
*Developed  
with FMB Group  
Exclusively for Use in Firbimatic,  
Realstar & Union Drycleaning Machines*



Laidlaw Adco

**INDUSTRIAL DIVISION**

*Ktex is available in the United States & Canada  
through Street-Adco-Laidlaw's Industrial Division*



# Ktex™

by  BARD AHL

## Cleaning Solvent for Use in Class IIIA Drycleaning Machines

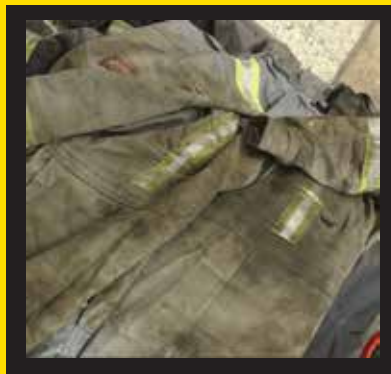
Bardahl Manufacturing's Research Laboratory combined their experience and knowledge of cleaning solvents and machines in an exclusive arrangement with the world's leading manufacturer of drycleaning machines, Finanziaria Macchine Bolognese SPA (FMB Group) to developed **Ktex™**.

This new non-halogenated cleaning solvent, approved for use only in FMB's Fimbimatic, Realstar and Union drycleaning machines, offers cleaners a system which cleans better, is efficient, and costs less to use. It is a drop in solvent for all these brands of modern Class IIIA drycleaning machines.

**Ktex** cleaning solvent is available in the United States and Canada through the Industrial Division of the Street, Adco, Laidlaw Companies with both central and local technical support .

## Excellent Cleaning Performance

Used together with one of Street's, Adco's or Laidlaw's multi-fabric detergents, **Ktex** cleaning solvent provides excellent cleaning performance in removing all stains (lipophilic, hydrophilic and enzymatic), soils and other contaminants.



Oil-Drilling Workwear  
BEFORE Ktex Cleaning



Oil-Drilling Workwear  
AFTER Ktex Cleaning

## Gentle on All Common Fabrics, Accessories & Trims

**Ktex** is formulated to be gentle to most woven and non-woven items and trims including:

- Natural fibers: wool, cotton, linen, silk
- Synthetic fibers: nylon, polyester, acrylic
- Most leather, skins and furs
- Trims and accessories including buttons, beads, zippers, buckles and belts

**Ktex** also helps eliminate garment shrinkage and differential shrinkage.



# Increases Productivity and Reduces Costs



**Ktex** enables you to perform most of the cleaning in the wheel, where it should be done. Using **Ktex**, you can:

- Reduce or eliminate most pre-brushing and pre-spotting
- Significantly reduce recleans

**Ktex's** unique formula also makes pressing and finishing easier because cleaned items have a low tendency to wrinkle.

## Maximum Customer Satisfaction

Most of all, using **Ktex** will result in satisfied customers because you can return their garments with a *like new* appearance by:

- Providing a soft and pleasant texture
- Maintaining garment size and color
- Minimizing wear of fibers so garments last longer
- Preserving color brightness and eliminating graying
- Eliminating unpleasant odor that can persist in garments cleaned in other systems



## Ktex Cleaning Solvent -Physical Properties

**Boiling Point or Range** 365 – 425 °F

- Affects distillation system design requirements
- Lower relative value indicates better ability to effectively distill solvent
- Narrower range indicates better ability to maintain consistency of distilled solvent
- Distillation under vacuum required for values above 300° F

**Flashpoint** > 142 °F

- The lowest temperature at which a liquid can form an ignitable mixture in air near the surface of the liquid. The lower the flash point, the easier it is to ignite the material.
  - Affects the design and safety devices required on equipment
  - Affects occupancy guidelines and fire regulation compliance regulations

**Vapor Pressure & Evaporation Rate** 0.5 mmHg @ 68 °F  
0.1

- Greater rates generally correlate to lower drying cycle time requirements
- Longer drying cycle times can expose garments to more mechanical stress
- Higher drying temperatures can result in more stains being set and greater risk of damage to fabrics and trim

**Odor** Mild Citric

- Impacts overall quality of workplace

**Kauri Butanol Value (KBV)** 75

- Indicates degreasing ability
- Higher value indicates greater ability to remove (dissolve) fats, heavier oils, greases, and waxes
- Increased cleaning cycle time can compensate somewhat for lower KBV
- KBV provides indication of overall capacity to remove soils

**Specific Gravity** 0.8

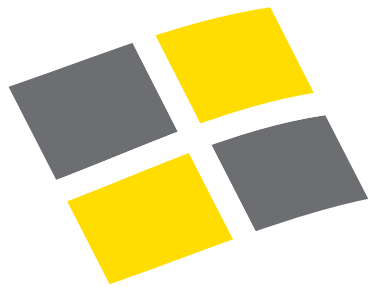
- Provides some indication of ability of solvent to separate from water
- Closer to "1" means more time is required to separate distillate from water in water separator

**Density** 6.7 lb

- Higher density ("heavier") solvents provide more mechanical action on fabrics
- Higher density facilitates separation of particulate soils from fibers
- Extending cleaning cycle time can compensate somewhat for lower densities

**NFPA Classification** Class IIIA

- Class I – Liquids having a flash point below 100°F
- Class II – Liquids having a flash point at or above 100°F and less than 140° F
- Class IIIA – Liquids having a flash point at or above 140°F and less than 200° F
- Class IIIB – Liquids having a flash point above 200°F
- Class IV – Liquids having no flashpoint (nonflammable)



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## To Learn More and to Start Using *Ktex* Cleaning Solvent, Contact Street-Adco-Laidlaw:

If you are planning to buy a New Firbimatic, Realstar, or Union drycleaning machine,  
OR

If you already have a Class IIIA Firbimatic, Realstar or Union Drycleaning Machine and  
wish to consider switching to **Ktex**:

- A. Call your Street or Adco/Laidlaw Regional Sales Manager, OR
- B. Call Greg Reinhardt at the *Ktex* Technical Support Line on  
(800)-821-7556 ext. 3801, OR
- C. Call Street Customer Service at 1-800-789-1234  
or Adco/Laidlaw Customer Service at 1-800-821-7556.

We will explain more about the benefits and costs of **Ktex** and what is involved in installing **Ktex** in your new or existing drycleaning machine. We can co-ordinate with Firbimatic, Realstar or Union to be present at a new installation or changeover from your existing solvent, and we can organize your initial and ongoing supply of **Ktex**.

[www.ktexcleaning.com](http://www.ktexcleaning.com)



Laidlaw™

Adco™

**INDUSTRIAL DIVISION**

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800-821-7556  
[www.adco-inc.com](http://www.adco-inc.com)

800-789-1234  
[www.4streets.com](http://www.4streets.com)