



THE LIME SLURRY THAT DELIVERS THE
ULTIMATE IN UNIQUE VALUE

UltraLime™ Program Profile

VALUE DELIVERED

- Dramatically Lower Total Cost of Operation
- Eliminate Lime Scaling
- Slash Waste Disposal Costs
- Conserve Water & Energy
- Improve Safety



TECHNOLOGY DESCRIPTION

UltraLime™ is a patented high-performance lime slurry that offers many benefits over other lime slurries.

- It can be used in any application that uses lime now and it can replace other alkalis including caustic soda and magnesium hydroxide.
- UltraLime™ is a ready to use alternative to on-site lime slaking - you can eliminate all the hassle, direct and indirect costs associated with lime slaking.

UltraLime™ is comprised of uniformly sized lime particles that:

- Resist agglomeration
- Are very easily re-dispersed

The consistently high lime surface area:

- Speeds the kinetics of the lime reaction
- Solves the many problems common with other lime slurries

Health, Safety, Environment

- Due to the patented manufacturing process used - UltraLime™ contains NO measurable crystalline silica, a known carcinogen
- Refer to the product SDS for safety and environment details

Uses, Applications, Industries

UltraLime™ is literally **for ANYONE using a lime slurry now and ANYONE who wants to stop slaking their own lime.**

Certifications, Registrations

- NSF approved for use in producing Municipal Drinking Water
- Has customer-specific FDA approval for Food and Food Packaging

APPLIED SPECIALTIES, INC.

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Ask us about risk-free trials
440.933.9442

“
Not only am I using 30% less lime - but I can actually see the mud bed in my clarifier and the scale is disappearing from the weir! I would not have believed it if I hadn't seen it myself!
- Clarifier Operator Manager
 ”

With ASI, you know what you are receiving and paying for - we provide a detailed COA with every shipment!



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RECENT SUCCESSES

- Municipal Drinking Water facility reduced lime dose by 35%
- Less Quicklime resulted in 100 fewer truckloads of filter cake hauled away to disposal
- Eliminated lime scale down-time

PRODUCT SELECTION

- **UltraLime™ CX & UltraLime™ CX PLUS** – are the latest High Calcium formulations
- **UltraLime™ CB6040** - is CalMag, ideally suited for odor control, but with all of the valued UltraLime properties
- **UltraLime™ CB9010** – is ideal for water softening where silica removal is important
- **UltraLime™ CB “Yours”** - we’re anxious to custom blend the perfect product for your unique needs

IMPORTANT PHYSICAL PROPERTIES

	UltraLime™ CX	UltraLime™ CX PLUS	UltraLime™ CB6040	UltraLime™ CB9010
Appearance	White, odorless slurry		Gray, odorless slurry	
Viscosity	500-2500	500-2500	500-4000	500-2500
Specific Gravity	1.20 +/- 0.02	1.28 +/- 0.02	1.32 +/- 0.02	1.30 +/- 0.02
Freeze Point	0°C (32°F)			
pH	12.4 +/- 1.0			
Freeze-thaw Recovery	Tolerates 3 cycles			
Flash Point	None			



Patent Numbers 7,718,085, 7,897,062 and 9,309,151.