

**Busperse<sup>®</sup>  
2454**

**GET TOUGH  
ON DEPOSITS.**

**GO EASY ON  
THE PLANET.**

## Keep paper and pulp equipment cleaner with stronger, greener Busperse<sup>®</sup> 2454 from Buckman.

Now you can get a deposit control program that provides maximum protection for both your equipment and the environment. Busperse 2454 from Buckman combines smart chemistry and proprietary feeding and monitoring equipment to bring you a stable deposit control program you can feel good about. In fact, Busperse 2454 is an inorganic formulation and produces no organic toxins, making it the greenest technology on the market.



## A better chemistry from the world leader in deposit control technology.

Currently being used in more than 150 applications worldwide, Buckman's Busperse® 2454 is superior to conventional deposit control programs. No free chlorine. No strong oxidant. And little or no organic and chemical demand. That makes it safer and more stable, which is great for people and planet. Just as important, Busperse 2454 is more effective at maintaining clean system surfaces, fighting deposits, and reducing organic deposits in stock and water circuits. That makes it great for the bottom line.

### Dramatic improvements

Busperse 2454 can help improve your operation dramatically and create significant savings in all these key areas:

**Wet End Efficiency.** Helps reduce consumption of wet end starch and the use of retention aids, fixation chemistries, dyes, defoamers and size. Can help stabilize wet end chemistry by reducing VFA production.

**Effluent.** Reduces COD load, and improves odor control.

**Product Quality.** Improves product strength, reduces the occurrence of holes and sheet defects, reduces odors, and minimizes off-grade production and food grade rejects. Approved by FDA and BfR (BgVV).

**Productivity.** With fewer breaks, higher ash content, increased machine speed, and fewer boilouts and washups, higher machine efficiency results.

### A wide range of applications

When used as recommended, Busperse 2454 is appropriate for all papermaking systems and is highly effective in:

- Paper machines: fine paper, newsprint, tissue, board and packaging
- Pulp applications
- Virgin pulp transfer systems and storage
- Paper mill water treatment
  - Influent
  - Effluent
  - Cooling water
- Deinking lines
  - Catalase control
  - Slurries and additives (starch & fillers)

### Benefit from our fully automated feed technology

Our self-contained feed technology offers:

#### Consistent delivery

- Accurate feed rate control and distribution
- Optimum formulation for high stability
- A wide application range and flexible dosing options
- Several feed points with wide treatment capacity
- Diverse program capabilities

### Leading-edge safety

- Pre-flush, post-flush, and cycles, automated alarm flush cycles
- Automated alarm protocols to respond to hazards
- Leak-proof cabinet and double-walled lines
- Leak detection
- Full product containment

### Low hassle

- No capital investment—Buckman owns and maintains all application equipment
- Supervised by a Buckman representative
- Can be linked to your DCS so you can monitor vital activity
- Several levels of telemetry available to keep you informed

### Learn more

Now you can treat your equipment and the environment to a whole new level of protection. Find out more about the Busperse 2454 system from Buckman. Contact your local Buckman representative, or visit us online at [buckman.com](http://buckman.com).

### CASE STUDY

A mill making alkaline fine paper out of virgin bleached hardwood and softwood replaced a combination bromine and organic deposit control program with Busperse 2454. In addition to running much cleaner, the mill realized an ROI of over \$300,000 per year by reducing the amount of polymer, size, and bleach required.

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