

WATER LYNX™ CATIONIC NEUTRALIZER

CN-369



www.clearflowgroup.com

Anionic vs. Cationic Polymers

Industry and Environmental Regulatory bodies have determined that anionic polymers are safer than cationic polymers for aquatic life. While Clearflow Group Inc. manufactures a safe to fish anionic polymer, Clearflow also proactively engaged research and development of an environmentally safe application of cationic polymers by introducing a fish safe cationic neutralizer in 2017. The Water Lynx™ Cationic Neutralizer is an effective product to neutralize the toxicity of cationic polymers, creating a safe treatment application for sensitive aquatic organisms.

Suitable Applications

Applications for Water Lynx Cationic Neutralizer include mining or industrial process water waste streams, where the goal or regulation is to operate with safe water release to the natural environment. Any mining operation using cationic flocculant to reduce total suspended solids (TSS) aligns with the application Clearflow's Water Lynx™ Cationic Neutralizer technology.

Fish Safe Verified

Aquatic protection is fundamentally what the neutralizer liquid is engineered for. This advanced technology was verified fish safe by the University of Alberta, and co-funded by the National Research Council Canada through the Industrial Research Assistance Program (IRAP).

Clearflow Group's Water Lynx™ CN-369

- Scientifically proven to ameliorate (neutralize) Cationic Polymers making them safe for environmental release.
- "Fish Safe" – CN 369 can actually reverse oxidative stress effects to fish cationic polymer exposure.
- Reducing potential liability and regulatory fines for the end-user client.
- Safe for the environment
- Easily calculated for appropriate dosing of the Cationic Polymer.
- Available in liquid, granular and gel block format.
- A Canadian technology product.
- Patent Protected



In stream self dosing passive application.
Water Lynx™ Cationic Neutralizer



Figure 2. Effects of CC and MA exposure on gill morphology.



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Group Inc.

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NOTES:



Environmental Services Association of Alberta



Canadian Council for
ABORIGINAL
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 **COMPLYWORKS**
Get ready to work.

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