

Evolution

STARCH OFF

An optimized biodegradable enzyme-based detergent. A fast acting breakthrough for all starches including cross linked tapioca, wheat or corn. Clears away starch buildup on corrugators completely.



www.cleanprintchemicals.com

Evolution

Enzyme control for starch removal

EVOLUTION STARCH OFF is a cutting-edge 'Cleaning in Place' development of our previous very successful Super Starch Off. It is an optimized blend of enzyme based detergents designed to remove all starches including cross linked tapioca, wheat or corn buildups overnight or during regular downtime, without the use of corrosive and dangerous caustic cleaners.

EVOLUTION STARCH OFF is the most exciting breakthrough in starch removal, waste water and equipment maintenance today.

APPLICATION

Simply run EVOLUTION STARCH OFF through your lines and equipment, leave to soak overnight. Flush clean and the job is done! Also, spray on belts and other areas with build-up. Heavy starch buildups are removed completely without scrubbing or chiselling in just a few hours. Resin-injected starches dissolve overnight.

SUPPLY

EVOLUTION STARCH OFF is supplied in bulk to be diluted at 1:5 to 1:10 with water. It can be applied manually or automatically.

WHY ENZYMES?

Enzymes are biological molecule catalysts that act on other biological molecules like starch. They don't get used up in each reaction and can work in the right conditions until all the starch is broken apart and dissolved. Enzymes are a part of nature and are fully biodegradable.

STOP USING CAUSTIC!

There are no hazardous waste products in the EVOLUTION STARCH OFF enzyme process. By using EVOLUTION STARCH OFF you remove the need for corrosive caustic, you also remove the undissolved solids and caustic from your waste water systems, reducing your waste water process costs.

EVOLUTION STARCH OFF is optimised, unique, simple, safe and effective.

Contact us now for more information and a convincing on-site demonstration



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DISSOLVE TEST RESULTS

Dilution rate of 1:10 with progress results to 4 hrs



Hardened starch from outside of supply pump



Dissolve result at 1 minute



Dissolve result at 40 minutes



Dissolve result at 4 hours

STARCH WITH RESIN

Approx. 1" cube size.



Start dilution 1:10



Dissolved after 4 hours