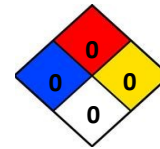


Properties

Component	CAS #	% by Weight
Hypochlorous Acid (HOCl)	7681-52-9	0.06-0.02
Hydrogen Bicarbonate (HCO ₃)	144-55-8	0.04-0.01
Processed Water	7732-18-5	99.90-99.97



- Weight: 8.48 lbs. per gallon
- Color: Colorless
- Odor: Odorless in treated water
- pH: 6.5-7.5
- NSF/American National Standards Institute (ANSI) Standard 60 Certified—Scale Control
- NSF/ANSI G4—US Department of Agriculture approved program meeting Food & Drug Admin. 21 CFR
- Canadian Food Inspection Agency (CFIA) Accepted
- This product is considered not hazardous to health by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Applications

The presence of accumulated organic deposits, or bio-scales, within a water system indicate chlorine-resistant bio-colonies have developed pathogenic resistance.

Bicarbonate scales are the direct result and product of bacteria organizing resistance through “quorum sensing” molecules. As bacteria find purchase on pipes and walls in distribution systems, they form resistance by voting pathogenic attributes so that ongoing chlorine compounds have a diminished effect.

BiCARBUS is formulated to block “quorum sensing” within the water column thereby eliminating calcified bio-scale structures.

BiCARBUS solution is used as a scale control/removal cleansing treatment for all surfaces in water conveyances and distribution systems. This treatment is able to restore chlorine residuals, reduce disinfection byproducts (DBPs), restore flows, and improve water quality. These enhancements are obtained during normal operations while water quality is maintained or improved. BiCARBUS treatment does not add corrosivity to water or affect lead and copper.

BiCARBUS solution is used as a nonhazardous surface treatment to remove/control surface scales with no residual chlorine odor or taste. BiCARBUS solution is environmentally sustainable.

Applications include: municipal water treatment; commercial, industrial, institutional, food processing, and residential facility water treatment; removal of surface scales; process water systems; condenser water treatment, and others.

Use

BiCARBUS solution is used as a surface descaler diluted with water at pH above 8.5-9.2 or in its concentrated form.

BiCARBUS treatment is used in drinking water or process water as a scale deposit control in dilution rates from 1:500 to 1:200,000 gallons of BiCARBUS solution to treated water.

More Information

For more information or technical assistance, call R-HM LLC at 801.510.2802 or visit us on the web at www.BiCarbus.com.

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