



CloSure[®] Central 7.5

VF10

Chlorine Dioxide Generation Solution

Description

CloSure[®] Central 7.5 solution is a chlorite-based and used in the generation of the sanitizing agent chlorine dioxide using an automatic generation system. It must be used in conjunction with the activators Divoact H-9 or Divoact H-32.

Effective

- High yielding when used in generating equipment with an activator; resulting in producing a high yield of chlorine dioxide

Easy-to-Use

- Completely formulated makes it a simple to use liquid product to maximize yield of chlorine dioxide
- Connect solution directly to the feed pump of the generator

Discussion

CloSure[®] Central 7.5 solution is used as the sodium chlorite precursor which is fed through the activated resin bed to generate chlorous acid solution. Chlorous acid is stable until catalyzed into chlorine dioxide. Chlorine dioxide is one of the most effective biocides available. It is known to be effective against organisms such as Listeria, Campylobacter, Yersinia and Salmonella and all common yeasts and moulds. Concentrations between 1-10 ppm provides outstanding biological control with reduced corrosion, low toxicity, is non-foaming and, more importantly, reduces the possible formation of such undesirable bi-products as tri halomethanes and chlorophenols. Further details are available in a separate document on chlorine dioxide.



Divosan



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Use Instructions

For use in food processing plants (poultry, fish, meat, vegetables, fruits), dairies and bottling plants. Where required, thoroughly wash and rinse hard surface areas to remove soils. CloSure[®] Central 7.5 is diluted prior to being fed to the ion exchange resin to produce chlorous acid. Chlorous acid is stable until catalyzed into chlorine dioxide.

Maximum Chlorine Dioxide Use Concentration

3 ppm:	Fruits, vegetables (without skin)**, brewery pasteurizers*, brewery/beverage warmers/coolers*, condensate water*
5 ppm:	Fruits, vegetables (with skin)**
10 ppm:	Rinse water (breweries)*, bottle sanitizer (no rinse)*, CIP no rinse sanitizer*
Up to 20 ppm:	Water contacting red meat**, swine carcasses**, poultry pre- evisceration rinse* and sanitizer system (open plant)*
20–50 ppm:	Inside outside rinser (poultry)*, poultry wash water*
Up to 50 ppm:	Poultry chiller water

* No final potable water rinse is required if chlorine dioxide concentration does not exceed the maximum recommended dosage. All surfaces should be allowed to drain well before further processing.

** Final potable water rinse required.

UNDER NO ACCOUNT SHOULD CloSure[®] Central 7.5 BE MIXED IN ANY OTHER METHOD THAN IN THE CONVERTOR PROVIDED. KEEP SEPARATE FROM ACID.

Technical data

Certification	Acceptable for use in food processing facilities
Form/Color	Clear colorless liquid
Scent	Chlorine
Specific Gravity	1.06
pH (neat)	12.0
pH (1%)	9.5
% P	0.0
% Free Alkalinity (as Na ₂ O)	0.3
% Total Alkalinity (as Na ₂ O)	0.6
% Available Chlorine	45

The above data is typical of normal production and should not be taken as a specification.

Safe handling and storage information

Store in original closed containers, away from extreme temperatures. Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet.

Test Kit

Test Kit #409879

Precautionary Statement

Refer to current Safety Data Sheet.