



EnviroChlorite 25 (Sodium Chlorite Solution)

EPA Reg. No.: 63838-22

Applications	EnviroChlorite 25 can be used in the dairy, food and beverage processing industry for CIP pipeline cleaning, fruit and vegetable washing and cleaning. It is appropriate for use in organic production as approved by the NOP. It is also used in the treatment of recirculating cooling water and oilfield injection water. Additional uses are for slime and biofouling control in the pulp & paper industry, agricultural irrigation, dispersed pigments and coatings industries.
Properties	EnviroChlorite 25 has a high oxidation potential and is very reactive. It exhibits excellent bactericidal and fungicidal activity against a wide range of microorganisms in cold or warm water. Product is stable for a minimum of 1 year under normal conditions. It ultimately degrades to sodium chloride (table salt).
Chemical Composition	EnviroChlorite 25 is solution of sodium chlorite in water.
Physical Properties	Density 20°C (68°F), (g/ml) 1.22 - 1.25 Vapor Pressure (mbar), 20°C (68°F) 21 pH (10% solution), 20°C (68 °F) 12 - 13 Flash Point (DIN 51584) > 98° C (207° F) Freezing Point -9° C (16° F) Activity sodium chlorite 20-30%
Appearance	Clear to slightly yellow or green liquid, slight chlorine odor
Storage	The storage area should be well ventilated and shaded from sunlight as well as protected from sources of radiant heat. Protect product from freezing. Avoid contact with incompatible materials. Store in a cool, dry location in closed containers.
Shelf Life	At least 1 year without notable losses of active ingredient if stored properly.
Packaging	5 gal (50 lb), 55 gal (570 lb), 270 gal (2810 lb), 310 gal (3225 lb) Available in HDPE plastic pails, drums and totes.
Transport (DOT)	UN1908, Chlorite Solution, 8, PG II. Contains Sodium Chlorite.

Product #82

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