

APPLICATIONS

MVP-8 is approved by the FDA for use as an antimicrobial processing aid under 21 CFR 173.325 for use in meat, poultry, seafood, and produce processing. **MVP-8** is a highly pure 8.35% sodium chlorite solution that when activated with any GRAS acid forms acidified sodium chlorite (ASC). ASC has been proven to be an effective antimicrobial agent for reducing pathogenic and spoilage organisms thus increasing the safety and shelf-life of food products.

PROPERTIES

MVP-8 has a high oxidation potential and is very reactive. This product is stable for a minimum of 1 year under normal conditions. It ultimately degrades to sodium chloride (table salt). **MVP-8** can be used with **MVP Activator-P** (35% phosphoric acid) for normal operations and **MVP Activator-C** (50% citric acid) for organic operations.

CHEMICAL COMPOSITION

MVP-8 is a highly pure 8.35% sodium chlorite solution in water.

PHYSICAL PROPERTIES

Density 20°C (68°F), (g/mL)	1.07 – 1.09
pH (neat), 20°C (68 °F)	9.8 – 10.2
Freezing Point/Melting Point	-5° C (23° F)
Activity sodium chlorite	8.10–8.60%

APPEARANCE

Clear to faint yellow, 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 (45 lb), 53 gal (475 lb), 270 gal (2415 lb), 320 gal (2865 lb)
Available in HDPE plastic pails, drums and totes.

TRANSPORT (DOT)

UN1908, Chlorite Solution, 8, PG II. Contains Sodium Chlorite.

Product #469

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