



# Prism Smart Color™ (AFCO 5580)

## GENERAL DESCRIPTION

*Prism Smart Color™ (AFCO 5580)* is an intelligent color indicator based on patented persulfate technologies and designed to be used in conjunction with *Prism Cleaner Cl (AFCO 5575)*. This combination dissolves oxidizable food soils, including proteins, fats, saccharides, aromas, phenolic compounds, and oxalates, by means of oxidation by hydroxyl radicals and visibly identifies areas contaminated with these deposits by means of a color indication system.

## PHYSICAL PROPERTIES

Appearance	:	Purple/magenta liquid
pH (1% solution)	:	7.6 to 8.4
Density	:	10.17 lbs./gallon
Shelf Life	:	6 months from date of manufacture

## DIRECTIONS FOR USE

### Cleaning with Color Verification:

In a clean vessel, prepare a solution consisting of 2 to 10 fl oz of *Prism Cleaner Cl (AFCO 5575)* and 3 to 5 fl ounces of *AFCO 5580* per 1 gallon of water depending on soil and type of surface. For best results, water temperature should be between 60 to 115°F. Apply the solution using a foaming device with appropriate nozzle. Heavily soiled areas will cause the solution to change color from purple to yellow or green within a few seconds. Less heavily soiled areas will change color more slowly. Allow a contact time of at least 10 minutes. Rinse with potable water before processing resumes.

**NOTE:** *Prism Smart Color™ (AFCO 5580)* may cause discoloration of proteins and other organic soils that are deeply imbedded in environmental surfaces. This may be more apparent on white plastic surfaces such as cutting boards where protein is deeply imbedded in cuts on the surface of the plastic.

Test a small inconspicuous area before broadly applying to surfaces such as heavily used and heavily soiled cutting boards.

If discoloration of deeply imbedded organic soils on equipment does occur, it may be removed by treatment

# TECHNICAL DATA SHEET

800 Development Ave. ▪ Chambersburg, PA 17201 ▪ 1-800-345-1329 ▪ [www.afcocare.com](http://www.afcocare.com)



with *Hydragenix® Smart Foam Oxy (AFCO 4395)* prepared and applied at concentrations of up to 64 fl oz of *AFCO 4395* to 1 gallon of solution.

Consult your *AFCO/Zep* technical representative for specific use applications.

## SAFETY

Safe to use on stainless steel. Do NOT use on aluminum, other soft metals or natural rubber.

## DANGER

Corrosive! Contact with undiluted product causes severe skin burns and serious eye damage. Consult the product's Safety Data Sheet (SDS) for complete safety information.

## NOTE

*AFCO 5575 & 5580* are U.S.D.A. acceptable for use in federally inspected meat, poultry and food processing plants.