



## OCTOSPERSE PMA

## Anti-Scalant / Dispersant Polymer

CHEMICAL NAME

Sodium Polymethacrylate Solution

PHYSICAL FORM:

Pale yellow liquid

### PRODUCT SPECIFICATIONS

### METHODS

Solids, %	29.5 – 30.5	WI-SCC-040/WI-ISO-2-028
pH	9.0 – 10.5	WI-PHC-010/WI-ISO-2-008
Viscosity, cps.	100 - 200	WI-VDC-070/WI-ISO-2-024
Specific Gravity	1.19 – 1.21	WI-WGC-320

### PRODUCT DESCRIPTION:

Octosperse PMA is a low foaming anionic dispersant for use in exterior coatings and is quite effective in formulations containing reactive pigments. Octosperse PMA is used as a gel protection for formulations containing zinc oxide; color dispersant for maximum development. It is also a viscosity stabilizer for high temperature, very alkaline systems; and grinding aid with excellent glycol compatibility. It is used as a desludging agent in water systems such as cooling towers, boilers, and heat exchangers. Octosperse PMA is used at a rate of 20 ppm for its dispersing action and the amount to be depends on the system condition and flow pattern in the affected area; however, it is suggested that lab testing information be used for acceptable performance levels.

The VOC's (ASTM D 2369) are less than 1 grams per litre.

Octosperse PMA has approval by the FDA for use under the following: CFR 21, Sections 175.105, 175.300, 173.310, 175.320, 176.170, and 176.180. It is the responsibility of the manufacturer of the FINAL article to ensure that the article complies with the extraction limitations and other limitations, including use limitations, applicable to its intended use and is technically suitable for that particular use.

All the components used in the manufacture of the material are listed on the Existing Chemical Substances under the TSCA, and the Canadian DSL.

### STORAGE AND HANDLING:

Containers should be kept tightly closed; avoid direct sources of heat or sunlight when possible. Make sure the part drum is used quickly and that all stock is rotated on a first-in, first-out basis. Protect from freezing. Store at 40 – 90 deg. F. Contents should be stirred using mechanical agitation prior to use. Shelf life expected one year from date of manufacture provided the material is stored at proper temperatures and containers remain tightly closed.

11/20;06/20;05/15;02/14;06/12;07/11;10/09

The information provided herein is believed to be reliable; however, no guarantees are made or liability assumed. Tiarco LLC makes no claims or warranties concerning the suitability of the product for a particular use or purpose.

1300 Tiarco Dr. SW; Dalton, GA 30720 USA; Tele: 706-270-5959; Fax: 706-277-9039