



## OCTOSPERSE SP

## Anti- Scalant / Dispersant Polymer

CHEMICAL NAME

Sodium Polyacrylate and Water  
CAS # 9003-04-7 / 7732-18-5

PHYSICAL FORM:

Colorless liquid

### PRODUCT SPECIFICATIONS

### METHODS

Solids, %	44.0 – 46.0	WI-SCC-040/WI-ISO-2-028
pH	6.0 – 7.0	WI-PHC-010/WI-ISO2-008
Viscosity, cps.	400 - 1000	WI-VDC-070/WI-ISO-2024
Specific Gravity	1.28 – 1.33	WI-WGC-320

### PRODUCT DESCRIPTION:

Octosperse SP is a low molecular weight sodium polyacrylate solution with excellent chlorine stability designed for use as an anti-spotting agent in dishwashing and detergent compounds allowing increased flexibility in the formulations and it is highly effective in dispersing and stabilizing PCC slurry. The material is also used as a builder additive for industrial and consumer detergent products and has excellent chlorine and thermal stability as a dispersion aid. Octosperse SP is a water softener for low and non-phosphate detergents. The recommended use level is 1 – 5 % (dry basis) when replacing phosphates and inorganic dispersants; however, it is suggested that lab testing information be used for acceptable performance levels as dosage rates can vary by application.

Octosperse SP has approval by the FDA for use under the following: CFR 21, Sections 173.310, 175.105, 175.300, 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.

This material or all of the components 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.

02/14;09/12;11/09

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

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