



## OCTOSPERSE 778

## Anti-Scalant/Dispersant Polymer

CHEMICAL NAME

Sodium Polyacrylate, acrylic acid polymer  
(CAS # 9003-04-7)

PHYSICAL FORM:

water white to amber hazy aqueous solution

### PRODUCT SPECIFICATIONS

### METHODS

Solids, %	54.0 – 56.0	WI-SCC-040/WI-ISO-2-028
pH	3.4 – 4.0	WI-PHC-010/WI-ISO-2-008
Viscosity, cps.	350 - 600	WI-VDC-070/WI-ISO-2-024

### PRODUCT DESCRIPTION:

Octospense 778 is a partially neutralized low molecular weight water soluble acrylic acid polymer for use in many industrial applications. This polymer is a high performance product with multi-functional properties including sequestration, dispersion, scale inhibition, crystal growth distortion, binding, and plasticizing. There are zero VOC's in the material.

All ingredients are listed on the TSCA Inventory. Octospense 778 is compliant with 21 CFR for the following 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.

All of the ingredients used in this product are listed on the Australian AICS, Japan ENCS/ISHL, Chinese IECSC, Korean KECI, New Zealand NZIoC, Philippine PICCS, and the Canadian, DSL.

### STORAGE AND HANDLING:

Containers should be kept tightly closed; avoid direct sources of heat or sunlight when possible. Once a container has been opened, it is important not to introduce bacteria into the drum. 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.

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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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