



OCTOSPERSE 871

Anti-Scalant / Dispersant Polymer

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

PHYSICAL FORM: light amber aqueous solution

PRODUCT SPECIFICATIONS

METHODS

Solids, %	42.0 – 44.0	WI-SCC-040/WI-ISO-2-028
pH	7.0 – 8.0	WI-PHC-010/WI-ISO-2-008
Viscosity, cps.	250 - 350	WI-VDC-070/WI-ISO-2-024

Typical freeze/pour point 20 deg. F.; 100 % neutralization

PRODUCT DESCRIPTION:

Octospense 871 is a low molecular weight sodium polyacrylate, anionic dispersant, and protective suspension agent with many successful uses in pigments paper coatings, as well as in other industrial applications. The product is heat stable and non-foaming. Octospense 871 is an aqueous solution of a low molecular weight acrylic acid polymer, neutralized to the sodium salt form. Recommended use level as a viscosity stabilizer is .01 - .10 parts per hundred based on formula weight. There are zero VOC's in the material.

All ingredients are listed on the TSCA Inventory. Octospense 871 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.

05/14;02/14;10/12;08/12;07/11;02/12;07/11;02/10;10/09;02/23/07

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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