



OCTOSPERSE A-51

Anti-Scalant / Dispersant Polymer

CHEMICAL NAME

Polyacrylic acid solution

PHYSICAL FORM:

Clear, hazy colorless to light amber liquid

PRODUCT SPECIFICATIONS

METHODS

Solids, %	49.0 – 51.0	WI-SCC-040/WI-ISO-2-028
pH	2.1 – 3.0	WI-PHC-010/WI-ISO-2-008
Viscosity, cps.	0 - 1000	WI-VDC-070/WI-ISO-2-024

PRODUCT DESCRIPTION:

Octospense A-51 is a low molecular weight solution designed for the control of calcium salt precipitation and scale formation. It is compatible with most common water treatment formulation additives. The product works well as a dispersant for insoluble particulates, sludges, and slurries, and, it is an effective threshold inhibitor and crystal modifier having excellent thermal and hydrolytic stability. Depending on the exact application a recommended use level is 2 – 20 ppm. to aide in the initial control of water hardness. In closed systems, higher levels will be required and must be balanced against the blow down rate. It is suggested that lab testing information be used for acceptable performance levels.

All ingredients comply with the TSCA Inventory and the Canadian DSL.

Octospense A-51 has approval by the FDA for use under the following: CFR 21, Sections 173.310 if fully neutralized before use and complies with TSCA PL 94-649 by the EPA. 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.

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 50 – 86 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.

01/16;02/14;08/12;07/11;03/10

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.

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