

FUNCTIONAL V-808 THICKENER for AQUEOUS SYSTEMS

APPLICATION:

FUNCTIONAL V-808 is an environmentally friendly, non-hazardous aqueous thickener in powder form for use in fluids made from water or emulsions of water and soluble oils. **FUNCTIONAL V-808** solutions may be used to suspend solids, for home care/cleaning formulations, and anywhere a non-ionic thickener is required for aqueous solutions. **FUNCTIONAL V-808** may be used in applications where the pH is between 2 and 12 and up to 10% salinity. Aqueous solutions are stable to repeated freeze/thaw cycles.

COMPOSITION:

The active ingredient in **FUNCTIONAL V-808** is a proprietary non-ionic polymer that provides thickening. The polymer is not considered biodegradable.

Typical Properties	
Appearance	White free-flowing powder
pH of a 5% solution	8.5
Kinematic Viscosity, in water	5wt% = 430 cSt @ 40°C 10wt% = 13,200 cSt @ 40°C

TREATMENT LEVEL:

Due to the range of applications, treatment level is best determined by the end-user.

HANDLING:

FUNCTIONAL V-808 is a white powder. Wear appropriate PPE for handling powders such as gloves and a dust mask. As in handling any fine powders minimize dust/air formation and electrically ground all containers to avoid static discharge. Store containers sealed at room temperature and away from water. Replace container lid tightly after use to avoid moisture/water contamination. Solutions should be filtered after preparation.

FUNCTIONAL V-808 has a shelf life of 2 years. Aqueous solutions should be prepared by adding the polymer as a slow feed to a stirred solution at room temperature. Solubilization may take 4-8 hours depending on concentration. Use appropriate methods to minimize water loss during preparation. See the current Safety Data Sheet.

This Technical Data Sheet and the Safety Data Sheet contain information believed to be accurate and reliable. No warranty is made, however, to information beyond the control of FUNCTIONAL PRODUCTS INC. The engineering and management personnel of the user are responsible for determining the suitability of this or any product for any specific application, and this information is offered to them for that purpose.

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