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Technical Data Sheet

MATERIAL: Poly(acrylic acid), sodium salt

CATALOG NUMBER: 515

CAS NUMBER: 9003-04-7

DESCRIPTION: Acrylic acid homopolymer, sodium salt

FORMULA: $(C_3H_3O_2)_x \bullet xNa$

TYPICAL PROPERTIES:

Appearance: Powder
Sodium ion: 17.5%
Residual carboxyl: 10%
Approx Mw: 2,100
pH: 5.5-6.5
Solubility: Water

GENERAL INFORMATION: Sodium polyacrylates are water soluble polymers which have been used

in a variety of applications including cooling water treatment, scrubber treatment, boiler water treatment and soap and detergent formulations.

STRUCTURE:

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