

**TECHNICAL DATA****SUPER ABSORBENT POLYMERS**

CAS # Component Percent OSHA HAZARD 9033-79-8 Acrylic Acid, Polymers, Sodium Salt

Component Information/Information on Non-Hazardous Components The components of this product are not regulated as hazardous under 29 CFR and 49 CFR. However, the potential for respiratory tract irritation as a result of inhalation of this material as a respirable dust is recognized. Super absorbent polymer especially suited to electrolyte resistance and repeated wet / dry cycles.

**TYPICAL CHARACTERISTICS**

## Particle Size Distribution (microns)

Super-fine blend	40F	1-200
Small blend	40K	200 -1000
Medium blend	41K	1000-3000
Large blend	42K	2000-4000
Insect Gel blend	CK	2000-4000

Absorption (g/g) deionized water	>180
Apparent Bulk Density (g/l)	540
Moisture Content (%)	5
Ph	5.5-6.0 (+/- 0.5; 1% gel in 0.9% NaCl)

<b>Chemistry:</b>	<b>Sodium salt of crosslinked polyacrylic acid</b>
<b>Physical Form:</b>	<b>White granules, free flowing</b>
<b>Storage Life:</b>	<b>&gt; 1 year, dry conditions, unopened bags/containers</b>
<b>Packaging:</b>	<b>1 ounce, 1 pound, 5 pounds, 55 pound multi-wall bags; 2205 pound supersacks</b>

**WARRANTY:**

The information given here is considered to be correct and is offered for your consideration, investigation, and verification. No warranties are expressed or implied since the use of this product is beyond our control.

**NOTICE:** Information for this product is believed to be reliable, however buyer and user assume all risk of use, handling, and storage whether in accordance with directions or not. Crystals ([WaterGelCrystals.com](http://WaterGelCrystals.com)) and its agents give no guarantee or warranty of any kind express or implied concerning the use of this product and shall not accept any responsibility whatsoever whether in contract or tort for any loss including consequential loss arising out of the use of this product or caused by this product.

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