**SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Sodium Polyacrylate**

Flinn Scientific, Inc.  P.O. Box 219, Batavia, IL  60510  (800) 452-1261

CHEMTREC Emergency Phone Number: (800) 424-9300

Signal Word: WARNING

**SECTION 2 — HAZARDS IDENTIFICATION**

Hazard class: Serious eye damage or irritation (Category 2A). Causes serious eye irritation (H319).

**SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS**

<table>
<thead>
<tr>
<th>Component Name</th>
<th>CAS Number</th>
<th>Formula</th>
<th>Formula Weight</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium polyacrylate</td>
<td>9003-04-7</td>
<td>C₃H₃NaO₂</td>
<td>94.04</td>
<td></td>
</tr>
</tbody>
</table>

Synonym: Waterlock

**SECTION 4 — FIRST AID MEASURES**

Call a POISON CENTER or physician if you feel unwell (P312).

**If inhaled:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing (P305+P351+P338). **If eye irritation persists:** Get medical advice or attention (P337+P313).

**If on skin:** Wash with plenty of water.

**If swallowed:** Rinse mouth. Call a POISON CENTER or physician if you feel unwell.

**SECTION 5 — FIRE FIGHTING MEASURES**

Nonflammable solid.

When heated to decomposition, may emit toxic fumes.

**In case of fire:** Use a tri-class dry chemical fire extinguisher.

**NFPA CODE**

None established

**SECTION 6 — ACCIDENTAL RELEASE MEASURES**

Sweep up, place in sealed bag or container and dispose. Ventilate area and wash spill site after material pickup is complete. See Sections 8 and 13 for further information.
SECTION 7 — HANDLING AND STORAGE


SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Wear protective gloves, protective clothing, and eye protection (P280). Wash hands thoroughly after handling (P264).

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

White, fine powder. Odorless.
Soluble: Swells in water

SECTION 10 — STABILITY AND REACTIVITY

Avoid contact with strong oxidizing agents.
Shelf life: Good, if kept dry.

SECTION 11 — TOXICOCLOGICAL INFORMATION

Acute effects: Irritating dust.
Chronic effects: N.A.
Target organs: N.A.

ORL-RAT LD₅₀: >40 g/kg
IHL-RAT LC₅₀: N.A.
SKN-RBT LD₅₀: N.A.

N.A. = Not available, not all health aspects of this substance have been fully investigated.

SECTION 12 — ECOLOGICAL INFORMATION

Data not yet available.

SECTION 13 — DISPOSAL CONSIDERATIONS

Please review all federal, state and local regulations that may apply before proceeding.
Flinn Suggested Disposal Method #26a is one option.

SECTION 14 — TRANSPORT INFORMATION

Shipping name: Not regulated. Hazard class: N/A. UN number: N/A.

N/A = Not applicable

SECTION 15 — REGULATORY INFORMATION

Not listed.

SECTION 16 — OTHER INFORMATION

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Consult your copy of the Flinn Science Catalog/Reference Manual for additional information about laboratory chemicals.

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