

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

September 16, 2003

Kim Davis  
RegWest Company, LLC  
30856 Rocky Road  
Greeley, CO 80631-9375

Subject: K.A. Steel Chemicals, Inc.  
Sodium Hypochlorite Solution  
EPA Registration No. 33981-1  
Application Dated: July 3, 2003  
Receipt Dated: July 7, 2003

Dear Ms. Davis:

The amendment submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with the conditions listed below:

- Label revision to comply with PR Notice 2001-1
- Label revision to comply with PR Notice 98-10

**Conditions**

1. Remove the term etc. from "Swimming pools/spas/hot tubs/immersion tanks/etc. water disinfection. This term is too broad.
2. This product is only for manufacturing-use in the formulation of product intended for specific uses. These claims should be revised as follows:
  - a. Cooling tower/evaporative condenser water (disinfection): Should be Cooling tower/evaporative condenser water treatment.
  - b. Pulp and paper mill process water systems (disinfection): Should be to control microorganisms in Pulp and paper mill process water systems.
  - c. Aquacultural uses (fish pond/equipment (disinfection), main lobster (disinfection), conditioning live oysters, scavenger control in fish hatchery ponds): For these uses, the label needs to indicate "for control of algae and bacteria". Remove the term disinfection.

**CONCURRENCES**


SYMBOL	7510C						
SURNAME	Mitchell						
DATE	9-16/03						

**General Comments**

*A stamped copy of the labeling accepted with conditions is enclosed. Submit a copy of your final printed labeling before distributing or selling the product bearing the revised labeling.*

*Should you have any questions or comments concerning this letter, please contact Wanda Mitchell at (703) 308-6345.*

*Sincerely,*



*Robert S. Brennis  
Product Manager - Team 32  
Regulatory Management Branch II  
Antimicrobials Division (7510C)*

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K.A. Steel Chemicals, Inc.

# Sodium Hypochlorite Solution

Only For Manufacturing and Repackaging Use

<b>Active Ingredient:</b>	
Sodium Hypochlorite .....	12.5%
<b>Other Ingredients</b> .....	<u>87.5%</u>
Total .....	100.0%

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

SEP 16 2003

Contains 15% available chlorine.  
Contains 1.25 pounds available chlorine per gallon.

Under the Federal Insecticide, Fungicide, and Rodenticide Act, amended for the pesticide, registered under EPA Reg. No. 33981-1

Keep Out of Reach of Children

**DANGER**

First Aid

<b>If Swallowed</b>	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If in Eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on Skin or Clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Immediately rinse skin with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If Inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor or going for treatment. [You may also call 1-800-222-1222 {or other appropriate number} for emergency medical treatment advice.]	
<b>Note to Physician:</b> Probable mucosal damage may contraindicate the use of gastric lavage.	

{Note: The first aid statements' grid format will be used if market label space permits; otherwise a paragraph format will be used.}

See back panel for additional precautionary statements

Net Contents: 55 Gallons (550 Pounds)

{Back Panel}

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**DANGER:** Corrosive. May cause severe skin irritation or chemical burns to broken skin. Causes eye damage. Wear safety glasses or goggles and rubber gloves when handling this product. Thoroughly wash with soap and water after handling. Do not breathe vapors. Vacate poorly ventilated areas as soon as possible. Do not return until strong odors have dissipated.

### Environmental Hazards

This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your state water board or regional office of the EPA.

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**Physical or Chemical Hazards**

STRONG OXIDIZING AGENT. Mix only with water according to label directions. Mixing this product with chemicals (e.g. ammonia, acids, detergents, etc.) or organic matter (e.g. urine, feces, etc.) will release chlorine gas that is irritating to eyes, lungs and mucous membranes.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Degrades with age. Use a test kit and increase dosage as necessary to obtain the required level of available chlorine. Formulators, reformulators and repackagers of this product are responsible for obtaining EPA registration of their products.

Only for manufacturing-use in the formulation of products intended for the following uses:

- Swimming pools/spas/hot-tubs/immersion tanks/etc. water disinfection
- Nonporous/porous food/non-food contact surfaces sanitization
- Nonporous non-food contact surfaces disinfection
- Sewage and wastewater effluent disinfection
- Sewage and wastewater slime control
- Drinking water (emergency/public/individual systems) disinfection
- Public water systems disinfection
- Emergency water disinfection after floods/fires/droughts/main breaks
- Cooling tower/evaporative condenser water disinfection
- Laundry sanitizers (household/commercial)
- Farm premises disinfection
- Pulp and paper mill process water systems disinfection
- Agricultural uses (potatoes sanitization for post-harvest protection, leafcutting bee cells/boards/domiciles disinfection), food egg sanitization, fruit and vegetable washing)
- Aquacultural uses (fish pond/equipment disinfection, Maine lobster ponds disinfection, conditioning live oysters, scavenger control in fish hatchery ponds)
- Dialysis machines sanitization
- Mildew/fungus control on asphalt or wood roofs/sidings
- Slime control on boat bottoms
- Artificial sand beach sanitization
- Toilet bowl sanitizers

ACCEPTED  
with COMMENTS  
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Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 33981-1

**Storage and Disposal**

Do not contaminate food or feed by storage or disposal.

**Pesticide Storage:** Vented cap; keep and store upright. Store away from other chemicals such as ammonia and fertilizers and, to avoid deterioration, in a cool, dry area away from direct sunlight and heat. In case of spill flood area with large quantities of water. **Pesticide Disposal:** Dilute with water any product, rinsate or wastes that cannot be used before disposal in a sanitary sewer. **Container Disposal: {Plastic:}** Triple rinse, or equivalent, then: offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill; or by incineration; or if allowed by state and local authorities, by burning. If burned stay out of smoke. **{Metal:}** Triple rinse, or equivalent, then: offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill; or dispose by other procedures approved by state and local authorities.

**Manufactured by:**  
K.A. Steel Chemicals, Inc.  
15185 Main Street  
Lemont, IL 60439

EPA Reg. No. 33981-1

EPA Est. 33981-IL-1

[ ] Denotes alternate/optional language

{ } Denotes language that does not appear on the market label.