

150-64

6-9-2003

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

1/4

JUN 9 2003

Mr. Kelly Schultz  
Anderson Chemical Company  
P.O. Box 1041  
325 South Davis Avenue  
Litchfield, MN 55355

Subject: REG 13  
EPA Registration Number 150-64  
Application Date: 4/17/03  
Receipt Date: 4/30/03

Dear Mr. Schultz:

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

- To update the "first aid" statement in accordance with PR Notice 2001-1

**Conditions**

- In the "Ingredient" Statement delete the "s" on "Active Ingredients".
- Align the "Ingredient" Statement to read:

Active Ingredient	
Sodium Hypochlorite .....	12.5%
Inert Ingredient .....	87.5%
Total	100.0%

**General Comments**

A stamped copy of the accepted labeling is enclosed. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

**CONCURRENCES**

SYMBOL							
SURNAME							
DATE							

Should you have any questions or comments concerning this letter, please contact Delores Williams at (703) 308-6372.

Sincerely,



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

# REG 13®

A SODIUM HYPOCHLORITE SOLUTION FOR  
SANITIZATION IN THE DAIRY,  
FOOD PROCESSING, FOOD SERVICE, AND  
WATER TREATMENT INDUSTRIES.

**Active Ingredients:**

Sodium Hypochlorite.....12.5%  
Inert Ingredients.....87.5%

KEEP OUT OF REACH OF CHILDREN  
**DANGER**

**FIRST AID STATEMENT**

**If in eyes:**

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for further treatment advise.

**If on skin or clothing:**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for further treatment advise.

**If swallowed:**

- Call a poison control center or doctor immediately for further treatment advise.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

**If inhaled:**

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advise.

**HOT LINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Contact 1800-222-1222 for emergency medical treatment information.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

SEE SIDE PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS

Transport upright never in passenger area. Protect  
rugs or upholstery.

**Precautionary Statements**

**HAZARDS TO HUMANS AND DOMESTIC  
ANIMALS**

**DANGER:** Corrosive, may cause severe skin and eye irritation or chemical burns to broken skin. Causes eye damage. Wear safety glasses or goggles and rubber gloves when handling this product. Wash after handling. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until odors have dissipated.

**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 irritating to eyes, lungs and mucous membranes.

**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 other 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 local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**TABLE OF PROPORTIONS - AVAILABLE CHLORINE**

1 ppm	- 1 fluid ounce per 1000 gallons water
10 ppm	- 9 fluid ounces per 1000 gallons water
16 ppm	- 14 fluid ounces per 1000 gallons water
100 ppm	- 89 fluid ounces per 1000 gallons water
200 ppm	- 178 fluid ounces per 1000 gallons water
800 ppm	- 710 fluid ounces per 1000 gallons water
1000 ppm	- 888 fluid ounces per 1000 gallons water

**DIRECTIONS FOR USE**

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

NOTE: This product degrades with age. Use a chlorine test kit and increase dosage, as necessary, to obtain the required level of available chlorine.

**SANITIZATION OF NONPOROUS FOOD CONTACT SURFACES - RINSE METHOD:** A solution of 100 ppm available chlorine may be used in the sanitizing solution if a chlorine test kit is used. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted to provide a solution of 100 ppm available chlorine. The available chlorine does not drop below 100 ppm. To prepare a 100 ppm solution, see table of proportions and solution to provide approximately 200 ppm available chlorine by weight. Clean equipment surfaces in the solution. After use, rinse all surfaces thoroughly with water, maintaining contact with the sanitizer for 1 minute. If the solution contains less than 50 ppm available chlorine, it must be determined by a suitable test kit, either a chlorine test kit or a solution to provide approximately 200 ppm available chlorine. Rinse equipment with water after treatment. Sanitizers used for general cleaning but may not be used for general cleaning purposes.

**SPRAY/FOG METHOD:** Preclean all surfaces with a 200 ppm available chlorine solution to control bacteria, fungi and a 600 ppm solution to control mold or fogging equipment which can resist sanitization. Always empty and rinse spray/fog equipment after use. Thoroughly spray or fog all surfaces with excess sanitizer to drain. Vacate area to be sanitized. To use equipment, rinse all surfaces with a 200 ppm solution. (See Table of Proportions.)

**AGRICULTURAL USES**

**EGG SANITIZING -** Instruction for egg sanitizing solution recommended for 100 ppm solution. (See Table of Proportions.)  
1. Wash eggs with water. Remove debris to shell eggs or egg-product. Wash and sanitize promptly after gathering.  
2. Water with a 2 ppm solution shall not be used unless egg sanitizing equipment removing the excess iron is installed.  
3. Wash water temperature should be the wash water at a temperature higher than the temperature of the eggs to be washed.  
4. Washed eggs with warm sanitizer so wetted. The sanitizer temperature should be 100°F.  
5. Eggs should be reasonably dry before sanitizing.  
6. Never reuse sanitizing solution/water.

**DISINFECTION OF DRINKING WATER**  
**PUBLIC SYSTEMS:** See table of proportions. Prepare a 10 ppm solution. Begin feeding this solution with a hypochlorinator until a free available chlorine residual of at least 0.2 ppm and no more than 0.6 ppm is attained throughout the distribution system. Check water frequently with a chlorine test kit. Bacteriological sampling must be conducted at a frequency no less than that prescribed by the National Interim Primary Drinking Water Regulations. Contact your local Health Department for further details.

State and Local Regulations - consult your dealer, state or local health authorities for additional information.

Do not apply this product through any type of irrigation system.

**STORAGE AND DISPOSAL**  
Store REG 13 in a cool dry area, away from direct sunlight and heat to avoid deterioration. In case of spill, flood areas with large quantities of water. Product or rinsates that cannot be used should be diluted with water before disposal in a sanitary sewer. Do not reuse empty container but place in trash collection. DO NOT contaminate food or feed by storage, disposal or cleaning of equipment.



Product Number: ADP7507  
Net Content: 55 US GALLON (208.2L)  
Batch Code:

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

JUN 9 2003



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

EPA REG. NO: 150-64 EPA Est. No.: 150-MN-01 150-64

Manufactured by:  
ANDERSON CHEMICAL COMPANY  
P.O. Box 1041  
LITCHFIELD, MN 55355  
(320) 693-2477

HYPOCHLORITE SOLUTION, 8, UN1791