

42052-20001

5/20/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460



Office of Pesticide Programs

MAY 20 2009

Kim Davis, CC, APC Manager
Consultant/Agent for: Buckman's, Inc.
c/o RegWest Company, LLC
30856 Rocky Road
Greeley, CO 80631-9375

FILE COPY

Subject: Buckman's Liquid Shock
EPA Registration No. 42052-20001
Application Date: February 26, 2009
Receipt Date: February 27, 2009

Dear Ms. Davis:

The following amendments, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, are acceptable:

- Addition of three new use sites
- Revision of Storage and Disposal Statement per PR Notice 2007-4
- Addition of required prohibition language
- Other non-mandatory text

General Comments:

1. In accordance with PR Notice 2007-4, the Agency defines "refillable" as follows:

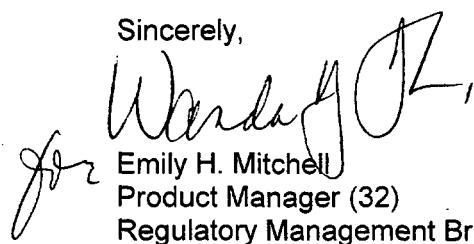
"Refillable container" means a container that is intended to be filled with pesticide more than once for sale or distribution. The registrant determines whether a container is intended to be refilled for sale or distribution (in which case it is a refillable container) or if it is not intended to be refilled for sale or distribution (in which case it is not a refillable container) and implements its decision by labeling the container appropriately. This decision also would impact packaging design, packaging material, and distribution and marketing plans.

Please consider whether your containers meet our definition of refillable. If it is not your intention for this product to be marketed in containers which are returned to the distributor for refill and resale, then delete the language relevant to refillable containers, within the Storage and Disposal statement.

A stamped copy of the accepted labeling is enclosed. Submit one (1) copy of your final printed label before distributing or selling the product bearing the revised labeling.

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

Sincerely,

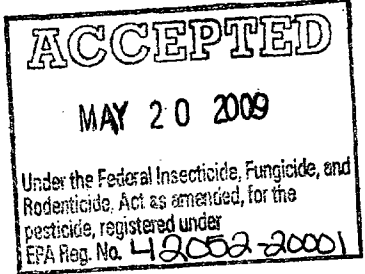
A handwritten signature in black ink, appearing to read "Wanda Henson". The signature is written in a cursive style with a large initial "W" and a long horizontal stroke at the end.

for
Emily H. Mitchell
Product Manager (32)
Regulatory Management Branch II
Antimicrobials Division (7510P)

Buckman's Liquid Shock

Sodium Hypochlorite Solution

[Use 1 Gallon Per 12,000 Gallons of Pool Water]



Active Ingredient:	
Sodium Hypochlorite	12.5%
Other Ingredients	87.5%
Total	100.0%

Keep Out of Reach of Children

DANGER

First Aid

If in Eyes	<ul style="list-style-type: none"> • 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 treatment advice.
If on Skin or Clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If Swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-451-8346 (Group Code 5942) for emergency medical treatment information.</p>	

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

See additional precautions on side panel.

Net Contents: _____ (_____ Liters)

[Ship And Store This Container In An Upright Position At All Times
Check The Container Carefully Before Placing In Your Car
Vented cap may leak causing bleaching and damage.

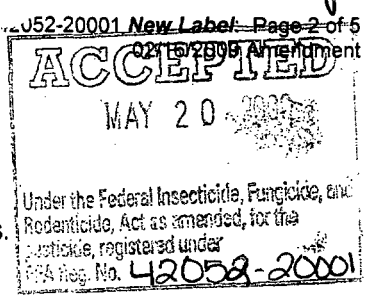
This is a Reusable Container and it May Leak. Buckman's is Not Responsible for Damage.]

{Side Panel}

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 strong odors have dissipated.



Environmental Hazards

(For product packaged in containers less than 5 gallons:)

This product is toxic to fish and aquatic organisms.

(For product packaged in containers 5 gallons or greater:)

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.

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 which 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.

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

Swimming Pool Water Disinfection

For a new pool or spring start up, superchlorinate with 52 to 104 oz. of product for each 10,000 gallons of water to yield a 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Adjust and maintain pool water pH to between 7.2 to 7.6. Adjust and maintain the alkalinity of the pool to between 50 to 100 ppm.

To maintain the pool, add manually or by a feeder device, 11 oz. of this product for each 10,000 gallons of water to yield an available chlorine residual between 0.6 to 1.0 ppm by weight. Stabilized pools should maintain a residual of 1.0 to 1.5 ppm available chlorine. Test the pH, available chlorine residual and alkalinity of the water frequently with appropriate test kits.

Frequency of water treatment will depend upon temperature and number of swimmers. Every 7 days, or as necessary, superchlorinate the pool with 52 to 104 oz. of product for each 10,000 gallons of water to yield 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Do not reenter pool until the chlorine residual is between 1.0 to 3.0 ppm. Re-entry into treated pools is prohibited above levels of 4 ppm due to risk of bodily harm. At the end of the swimming pool season or when water is to be drained from the pool, chlorine must be allowed to dissipate from treated pool water before discharge. Do not chlorinate the pool within 24 hours prior to discharge.

Winterizing Pools

While water is still clear and clean, apply 3 oz. of product per 1,000 gallons, while filter is running, to obtain a 3 ppm available chlorine residual, as determined by a suitable test kit. Cover pool, prepare heater, filter and heater components for winter by following manufacturers' instructions.

Spas/Hot Tubs

Apply 5 oz. of product per 1,000 gallons of water to obtain a free available chlorine concentration of 5 ppm as determined by a suitable chlorine test kit. Adjust and maintain pool water pH to between 7.2 and 7.8. Some oils,

lotions, fragrances, cleaners, etc. may cause foaming or cloudy water as well as reduce the efficiency of the product. To maintain the water, apply 5 oz. of product per 1,000 gallons of water over the surface to maintain a chlorine concentration of 5 ppm. After each use, shock treat with 8 oz. of this product per 500 gallons of water to control odor and algae. Re-entry into treated pools is prohibited above levels of 5 ppm due to risk of bodily harm. During extended periods of disuse, add 3 oz. of product daily per 1,000 gallons of water to maintain a 3 ppm chlorine concentration.

Commercial Laundry Bleach

Mix 1 to 14 gallons of this product to 14 gallons of water. Introduce Sodium Hypochlorite into your normal laundry process.

Disinfection of Drinking Water

PUBLIC SYSTEMS: Mix a ratio of 1 oz. of this product to 100 gallons of water. 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.

Sanitation 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 available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to ensure that the available chlorine does not drop below 50 ppm. Prepare 100 ppm sanitizing solution by thoroughly mixing 1 oz. of this product with 10 gallons of water. If no test kit is available, prepare a sanitizing solution by thoroughly mixing 2 oz. of this product with 10 gallons of water to provide approximately 200 ppm available chlorine by weight.

Clean equipment surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizer for at least 2 minutes. If solution contains less than 50 ppm available chlorine, as determined by a suitable test kit, either discard the solution or add sufficient product to reestablish a 200 ppm residual. Do not rinse equipment with water after treatment and do not soak equipment overnight.

Sanitizers used in automated systems may be used for general cleaning but may not be reused for sanitizing purposes.

{For product in household/residential-use containers:}

Storage and Disposal
Do not contaminate food or feed by storage, disposal or cleaning of equipment.
Storage: To avoid deterioration, store this product in a cool dry area, away from direct sunlight and heat. In case of spill, flood area with large quantities of water. Disposal: Non-refillable container; do not reuse or refill this container. If empty: Do not reuse this container; place in trash or offer for recycling, if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place undiluted unused product down any indoor or outdoor drain.
Batch [Lot] Code [Number]: _____

{For product not in household/residential-use containers (refillable container):}

Storage and Disposal
Do not contaminate food or feed by storage, disposal or cleaning of equipment.
Storage: To avoid deterioration, store this product in a cool dry area, away from direct sunlight and heat.

ACCEPTED

MAY 20 2009

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this product is classified as a pesticide, registered under EPA Reg. No. 42052-20001

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of spill, flood area with large quantities of water. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Management:** Refillable container. Refill this container with only sodium hypochlorite. Do not reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller. Cleaning the container before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

{For product not in household/residential-use containers greater than 5 gallons (non-refillable container):}

Storage and Disposal

Do not contaminate food or feed by storage, disposal or cleaning of equipment.

Storage: To avoid deterioration, store this product in a cool dry area, away from direct sunlight and heat. In case of spill, flood area with large quantities of water. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Management:** Non-refillable container; do not reuse or refill this container. Offer for recycling, if available or reconditioning, if appropriate. Triple rinse (or equivalent) container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Batch [Lot] Code [Number]: _____

{For product not in household/residential-use containers less than or equal to 5 gallons (non-refillable container):}

Storage and Disposal

Do not contaminate food or feed by storage, disposal or cleaning of equipment.

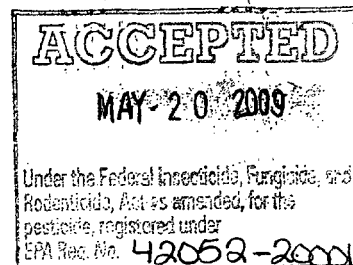
Storage: To avoid deterioration, store this product in a cool dry area, away from direct sunlight and heat. In case of spill, flood area with large quantities of water. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Management:** Non-refillable container; do not reuse or refill this container. Offer for recycling, if available or reconditioning, if appropriate. Triple rinse (or equivalent) container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Batch [Lot] Code [Number]: _____

Manufactured by [for]:
Buckman's, Inc.
105 Airport Road
Pottstown, PA 19464-3438

EPA Reg. No. 42052-20001 EPA Est. _____

Corrosive
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DOT DESCRIPTION:
UN 1791, PG III
RQ, Hypochlorite Solutions 8

CAS Number: 7681-52-9

[] Denotes alternate/optional language
{ } Denotes language that does not appear on the market labeling

