

SEP 12 1991

York Chemical Corporation
3309 East Carpenter Freeway
Irving, TX 75062

Attention: E.J. Castagnoli

Gentlemen:

Subject: Jack Frost Winter Shock
EPA Registration No. 42177-49
Your Amendment Dated March 25, 1991

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. A stamped copy is enclosed for your records. Five copies of the finished labeling must be submitted prior to releasing the product for shipment.

1. Delete "DANGER" above "Precautionary Statements" heading on back panel.
2. Revise the front panel referral to read "See back panel for additional precautions."
3. Add the following directly under the signal word "DANGER" on the front panel.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Drink promptly a large quantity of water. Do not induce vomiting. Avoid alcohol. Get medical attention.

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CONCURRENCES

SYMBOL							
SURNAME							
DATE							

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If In Eyes: Flush with plenty of water for 15 minutes. Get medical attention.

If On Skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

If you have any questions, please contact Arvella Farmer at (703) 557-6939.

Sincerely yours,



Ruth G. Douglas
Acting Product Manager (32)
Antimicrobial Program Branch
Registration Division (H7505C)

Enclosure

AGREED
With COMMENTS
to EPA Letter Dated:

SEP 14 1991

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

JACK FROST



Prod den .9 - 1.0 gm/cc

WINTER SHOCK

A completely soluble,
quick dissolving, chlorinating agent
for swimming pool winterization

ACTIVE INGREDIENT:
Lithium hypochlorite.....29%
INERT INGREDIENTS:.....71%
Available Chlorine 35%

BEST AVAILABLE COPY

KEEP OUT OF REACH OF CHILDREN
DANGER

See back panel for first aid and additional precautions.

NET WEIGHT: 2 lbs. (907 g.)

Label prescribed "Statement of Practical Treatment" directly under the signal word "Danger" on the front panel

PH 22 421
UJK
DELETED

DANGER

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Highly Corrosive. Causes skin and eye damage. May be fatal if swallowed. Do not get in clothing. Wear goggles or face shield and rubber gloves when handling. Irritating to nose and throat. Remove and wash contaminated clothing before reuse.

PHYSICAL AND CHEMICAL HAZARD: Strong Oxidizing Agent. Mix only with water. Use does not add the product to any dispensing device containing remnants of any other product. Such use may result in a reaction leading to fire or explosion. Contamination with moisture, organic matter, or other chemicals may result in a reaction, with generation of heat, liberation of hazardous gases, and possible generation of fire. In case of contamination or decomposition, do not reuse container. If possible isolate container in open area. Flood with large volumes of water, if necessary.

PRACTICAL TREATMENT (FIRST AID):
If swallowed: Drink two glasses of water and see a physician immediately. Do not induce vomiting.
If on skin: Brush off excess chemical and flush skin with cold water for at least 15 minutes. If irritation occurs, get medical attention.

If in eyes: Flush with cold water for at least 15 minutes. Get medical attention.

ENVIRONMENTAL HAZARD: This product is toxic to fish. Do not discharge into lakes, streams, rivers, or other waters unless in accordance with a NPDES Permit. For guidance contact the regional office of EPA.

DIRECTIONS FOR USE

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

Used as directed, this product will provide a stable form of chlorine for your pool during the winter months. It is recommended that an adequate chlorine residual be maintained throughout the winter to prevent cloudy water, keep pool surfaces clean, and make spring start-ups easier and less costly. Winter Shock may be used in any pool, but is especially recommended for use in vinyl-lined, painted, and fibreglass pools. Bleaching of pool surfaces can be a problem.

- 1 Thoroughly clean the pool. Brush and vacuum the walls and floor. Backwash the filter, skimmer, and baskets.
- 2 Test pH and adjust, if necessary, to 7.4 - 7.6. (It is recommended that a sample of your water be analyzed prior to closing down your pool for the season.)
- 3 With the pump in operation, add the product directly to the pool by broadcasting uniformly across the pool surface. Add two pounds of the product per 10,000 gallons of water.
- 4 Allow the water to circulate for at least 8 hours before adding additional chemicals.
- 5 Add Winter Guard per its label instructions.
- 6 Turn off the pump and heater. Drain the pump, heater, filter, plumbing, piping and all other related equipment. Refer to the label for instructions for protection against freeze damage.
- 7 Install the pool cover and fasten down securely.

NOTE: Check the pool water periodically during the winter. If algae begins to form or if the water does not clear, an additional application of the product may be necessary. Non-covered and non-circulating pools should receive at least one additional application of the product during the winter, preferably mid-winter if necessary.

HOW TO CALCULATE POOL CAPACITY GALLONS OF WATER (Dimensions in feet)

SHAPE OF POOL	GALLONS OF WATER (Dimensions in feet)
Rectangular	Average depth x average length x average width x 7.5
Circular	Diameter x diameter x average depth x 5.9
Oval with straight sides	Full width x full length x average depth x 5.9
Irregular	Consult pool builder

STORAGE AND DISPOSAL

Keep the product dry in a tightly closed container, when not in use. Store in a cool, dry, well ventilated area. In case of decomposition, isolate container (if possible) and flood area with large amounts of water. Do not reuse empty container but place in trash container for disposal, or cleaning of equipment.

EPA REG. NO. 42177-49

EPA EST. NO.

Manufactured by



3309 East Carpenter Freeway • Irving, TX 75062

Revise to read "See back for additional precautions."