

**NOTICE: Bomyl is highly toxic to humans and animals. Read Safety Directions Carefully Before Opening Container.**

**FOR MANUFACTURING USE ONLY**

**DIRECTIONS**

For Formulation Instructions:

Write to the **AGRICULTURAL DIVISION** P. O. Box 107960

**SAFETY DIRECTIONS**

Before mixing or using Bomyl, consult your physician about obtaining an adequate supply of 1/100 gr. atropine sulfate tablets for emergency use.

**POISON**

**FIRST AID TREATMENT:**  
REMOVE PATIENT FROM EXPOSURE  
CALL PHYSICIAN AT ONCE  
INFORM HIM ATROPINE SULFATE EMERGENCY ANTIDOTE

NET CONTENTS



ONE GALLON

**DANGER!**

**ACCEPTED**  
2/27/73  
UNDER THE FEDERAL INSECTICIDE ACT  
REGISTERED SUBJECT  
REMARKS: COMMENTS.

**POISONOUS BY SKIN CONTACT, INHALATION OR SWALLOWING**

**RAPIDLY ABSORBED THROUGH SKIN**

**REPEATED EXPOSURES MAY, WITHOUT SYMPTOMS, BE INCREASINGLY HAZARDOUS**

**DO NOT GET ON SKIN, IN EYES, OR ON CLOTHING**

**WEAR PROTECTIVE CLOTHING** when working with this product - a light plastic raincoat, washable rain hat, goggles, long sleeved natural rubber gloves, and a mask or respirator of a type passed by the U. S. Bureau of Mines for organic phosphate insecticide protection.

Use fresh clothing daily - wash clothing with soap and hot water before re-use. Destroy and replace gloves frequently. Never handle this product with the bare hands. Take special care when opening, measuring and mixing to avoid splashing or wetting skin or clothing.

**IN CASE OF CONTACT** promptly wash thoroughly with large amounts of soap and water. Wash hands, arms and face thoroughly before eating, smoking or chewing. After work, bathe or shower and change to clean clothes.

**DO NOT BREATHE VAPOR**

Container opening, measuring and mixing operations should be done in the open air or other well ventilated area. If handled indoors, provide mechanical exhaust ventilation. Keep all unprotected persons and domestic animals out of mixing area or vicinity where there may be danger. Entry should not be permitted until vapor has dissipated.

**KEEP AWAY FROM FEED OR FOOD-STUFFS**

**CLEAN UP SPILLAGE**

Soak up liquid with sawdust or other absorbent material and bury. Clean up area with strong lye solution.

**CONTAINER DISPOSAL - DESTROY CONTAINER WHEN EMPTY.**

Do Not reuse this container. Do Not Burn. Flush out thoroughly with a solution of one part of water and one part lye. Do not burn. Do not reuse. Do not use. Soak up at least 14 inches deep. Bury in a hole at least 14 inches deep. Do not burn. Do not reuse. Do not use.

**THIS PRODUCT IS TOXIC TO FISH BIRDS AND WILDLIFE.**

Do Not contaminate water by direct application, cleaning of equipment, or disposal of waste and containers.

**If you are unable or unwilling to comply with these precautions return the material to the dealer from whom you purchased it and obtain a refund.**

If symptoms include blurred vision, abdominal cramps and give two atropine sulfate tablets (1/100 gr. each) without delay.

**INTERNAL:** If Bomyl is swallowed, make patient vomit with warm soapy water. Administer milk or water freely. Have patient keep quiet. Never give anything by mouth to an unconscious patient.

**SKIN:** Immediately remove all contaminated clothing and wash with soap and plenty of water.

**EYES:** Immediately flush with water for at least 15 minutes.

**ABOUT RETURNING TO WORK:** Do Not work again with Bomyl or other organophosphate insecticides until physician has approved. Be sure to observe all of the precautions given on this label.

**NOTE TO PHYSICIAN**

Warning symptoms are: weakness, headache, blurred vision, drooling, nausea, sweating, vomiting, diarrhea, tightness of chest and muscular twitching.

Bomyl inactivates the cholinesterase enzymes of the nervous system evidenced by marked parasympathetic stimulation. Control by mouth, intramuscularly or intravenously as the physician directs. A dosage of grains 1:100 to 1:25 may be required to control symptoms until emergency has passed. Following treatment, atropine should be administered.

Do Not give morphine or other respiratory depressants until symptoms have accumulated. Do not give artificial respiration or oxygen until necessary. Artificial respiration and oxygen may be necessary. Do not give bronchodilators until complete recovery may be expected even after very severe cases. Do not give artificial respiration or oxygen until 24 hours after a patient has been given atropine sulfate. Do not give artificial respiration or oxygen until 24 hours after the last atropine sulfate.

Do Not permit exposure to Bomyl or other organophosphate insecticides until recovery is determined by blood test.

For further information see EPA M.A. 144, 144-108 Sept. 1962. See Archives of Environmental Health 1, No. 5, p. 491, N. No. 8, p. 619, Feb. 24, 1962.

**BOMYL TECHNICAL**

CODE 9393

EPA Reg. No. 218-658

For Use in the Manufacture of Fly Baits

**ACTIVE INGREDIENT:**  
Dimethyl 3-hydroxyglutaconate dimethyl phosphatet 90%  
**INERT INGREDIENTS** 10%  
†Bomyl

U.S. Patent No. 2,891,887

**POISON**

**DANGER: Keep out of reach of children**

See Antidote and Other Warnings on Right Panel



**AGRICULTURAL DIVISION**  
MORRISTOWN, N. J., U. S. A.

MADE IN U. S. A.

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AL DIVISION  
N. J., U. S. A.

PRINTED IN U. S. A.

### DIRECTIONS

For Formulation Instructions:

Write to the **AGRICULTURAL DIVISION** P. O. B.

APR 1961 N. J. 07960

### SAFETY DIRECTIONS

**DANGER!**

Before mixing or using Bomyl, consult your physician about obtaining an adequate supply of 1/100 gr. atropine sulfate tablets for emergency use.

**POISONOUS BY SKIN CONTACT, INHALATION OR SWALLOWING**

**RAPIDLY ABSORBED THROUGH SKIN**

**REPEATED EXPOSURES MAY, WITHOUT SYMPTOMS, BE INCREASINGLY HAZARDOUS**

**DO NOT GET ON SKIN, IN EYES, OR ON CLOTHING**

**WEAR PROTECTIVE CLOTHING** when working with this product - a light plastic raincoat, washable rain hat, goggles, long sleeved natural rubber gloves, and a mask or respirator of a type passed by the U. S. **Bureau of Mines** for organic phosphate insecticide protection. Use fresh clothing daily - wash clothing with soap and hot water before re-use. Destroy and replace gloves frequently. Never handle this product with the bare hands. Take special care when opening, measuring and mixing to avoid splashing or wetting skin or clothing.

**IN CASE OF CONTACT** promptly wash thoroughly with large amounts of soap and water. Wash hands, arms and face thoroughly before eating, smoking or chewing. After work, bathe or shower and change to clean clothes.

#### DO NOT BREATHE VAPOR

Container opening, measuring and mixing operations should be done in the open air or other well ventilated area. If handled indoors, provide mechanical exhaust ventilation. Keep all unprotected persons and domestic animals out of mixing area or vicinity where there may be danger. Entry should not be permitted until vapor has dissipated.

#### KEEP AWAY FROM FEED OR FOOD-STUFFS

#### CLEAN UP SPILLAGE

Soak up liquid with sawdust or other absorbent material and bury. Clean up area with strong eye solution.

#### CONTAINER DISPOSAL - DESTROY CONTAINER WHEN EMPTY.

Do Not reuse this container. Do Not Burn. Flush out this container with a double quantity of water and the fat residue of household detergent. Burn the residue in a safe place or bury in a deep hole. Do not allow it to get into water.

#### THIS PRODUCT IS TOXIC TO FISH BIRDS AND WILDLIFE.

Do Not contaminate water by direct application, cleaning of equipment or disposal of waste and containers.

**If you are unable or unwilling to comply with these precautions return the material to the dealer from whom you purchased it and obtain a refund.**

# POISON

### FIRST AID TREATMENT:

**REMOVE PATIENT FROM EXPOSURE**

**CALL PHYSICIAN AT ONCE**

**INFORM HIM ATROPINE SULFATE IS EMERGENCY ANTIDOTE**

If symptoms include blurred vision, abdominal cramps and tightness in the chest, give two atropine sulfate tablets (1/100 gr. each, without waiting for a doctor.

**INTERNAL:** If Bomyl is swallowed, make patient vomit by giving warm salt or soapy water. Administer milk or water freely. Have patient lie down and keep quiet. Never give anything by mouth to an unconscious patient.

**SKIN:** Immediately remove all contaminated clothing and wash skin thoroughly with soap and plenty of water.

**EYES:** Immediately flush with water for at least 15 minutes.

**ABOUT RETURNING TO WORK:** Do Not work again with Bomyl or other organic phosphate insecticides until physician has approved. When returning to work, be sure to observe all of the precautions given on this label.

### NOTE TO PHYSICIAN

Warning symptoms are: weakness, headache, blurred vision, pin point pupils, drooling, nausea, sweating, vomiting, diarrhea, tightness in chest, cramps, dizziness and muscular twitching.

Bomyl inactivates the cholinesterase enzymes of the blood and tissues evidenced by marked parasympathetic stimulation. Continue atropine sulfate by mouth, intramuscularly or intravenously as the severity of symptoms dictates. A dosage of grains 1/100 to 1/25 may be required every hour to control symptoms until emergency has passed. Following atropine, 2-PAM should be administered.

Do Not give morphine or other respiratory depressant. If pulmonary secretions have accumulated, use chest physiotherapy, drainage. Suck mucus from bronchi if necessary. Artificial respiration and oxygen administration may be necessary due to excessive bronchial secretions and muscular weakness. Complete recovery may be expected even after very severe acute poisoning and many hours of artificial respiration. Observe patient continuously for 24-48 hours. A safe recovery is observed if patient is at least 24 hours after the last atropine symptoms have cleared after the last dose of atropine has been administered.

Do Not permit exposure to Bomyl or other phosphate insecticides until cholinesterase is regenerated as determined by blood tests.

For further information see J.A.M.A. 144, 104-108 (Sept. 4, 1950). For 2-PAM, see Archives of Environmental Health 1, No. 5, p. 471 (Nov. 1950). J.A.M.A. 179, No. 8, p. 639 (Feb. 24, 1962).