

# RIVERSIDE TOXON 44

AN EMULSIFIABLE CONCENTRATE CONTAINING 4 POUNDS METHYL PARATHION AND 4 POUNDS TOXAPHENE PER GALLON. USEFUL FOR THE CONTROL OF CERTAIN INSECT PESTS OF COTTON, RICE, SMALL GRAINS (BARLEY, OATS, RYE, WHEAT), AND SOYBEANS.

## USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE EQUIPMENT AND CLOTHING

(1) Wear water-proof pants, coat, hat, rubber boots or rubber overshoes. (2) Wear safety goggles. (3) Wear mask or respirator approved by the U.S. Bureau of Mines for methyl parathion protection. (4) Wear heavy duty natural rubber gloves.

## WORK SAFETY RULES

Keep unprotected persons and children away from treated area or where there is danger of drift.

Do not rub eyes or mouth with hands. If you feel in any way STOP work and get help right away. Call a doctor, physician, clinic or hospital immediately. Explain that the victim has been exposed to methyl parathion toxaphene combination and describe his condition. After first aid is given (see First Aid Treatment Section) and if a doctor cannot come, take victim to clinic or hospital.

**IMPORTANT!** Before removing gloves, wash them with soap and water. Always wash hands, face and arms with soap and water before smoking, eating or drinking.

**AFTER WORK:** Take off all work clothes and shoes. Shower, wash hair and water. Wear only clean clothes when leaving job. Do not wear contaminated clothing. Wash protective clothing and protective equipment with soap and water after each use. Respirator should be cleaned and filter replaced according to instructions included with respirator.

## POISON SIGNS (Symptoms)

Methyl parathion toxaphene combination is a very dangerous poison. It rapidly enters the body on contact with all skin surfaces and eyes. Clothing wet with this material must be removed immediately. Exposed persons must receive prompt medical treatment or they may die.

Some of the signs and symptoms of poisoning are: Headache, nausea, vomiting, cramps, weakness, blurred vision, pin-point pupils, tightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

## FIRST AID TREATMENT

Call a doctor, physician, clinic or hospital immediately. Explain that the victim has been exposed to methyl parathion toxaphene combination and describe his condition.

**IF BREATHING HAS STOPPED:** start artificial respiration immediately and maintain until doctor sees victim.

**IF SWALLOWED** and victim is awake (conscious) make him vomit quickly. Induce vomiting by sticking finger down throat or by giving snappy or strong salty water to drink. Repeat until vomit is clear. Never give anything by mouth to an unconscious person. Have victim lie down and keep quiet. See doctor immediately.

**IN CASE OF CONTACT,** immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. See doctor immediately.

## NOTE TO PHYSICIAN

In this product mixture, methyl parathion is the dominant toxic ingredient exerting muscarine like effects, that is, stimulation of the parasympathetic nervous system. Poisoning victims should be treated promptly with atropine to the limit of the victim's tolerance to relieve symptoms and to improve chances of survival. 2-PAM may be administered in conjunction with atropine. The administration of oxygen is helpful. Morphine should not be given to persons suspected of methyl parathion poisoning. Toxaphene produces central nervous system excitation which ordinarily responds to the barbituric acid derivatives, but this drug should be considered only if complete atropinization fails to relieve symptoms.

## POST TREATED AREA

Consult your State Agricultural Extension Service or Experiment Station regarding posting treated areas.

<b>ACTIVE INGREDIENTS:</b>		
Chlorine dimethyl O-p-nitrophenyl phosphorothioate*	37.2%	
Toxaphene**	37.2%	
Aromatic Petroleum Solvent	20.6%	
<b>INERT INGREDIENTS:</b>	5.0%	
	<b>TOTAL</b>	<b>100.0%</b>
*Methyl Parathion **Technical Chlorinated Camphene, Chlorine Content 67-69% Contains 4 pounds Methyl Parathion plus 4 pounds Toxaphene per gallon		

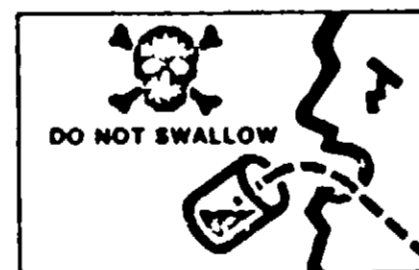
**STOP — READ LABEL BEFORE USING!**

**POISON**  
SEE SIDE  
PANELS FOR  
ANTIDOTE AND  
PRECAUTIONS

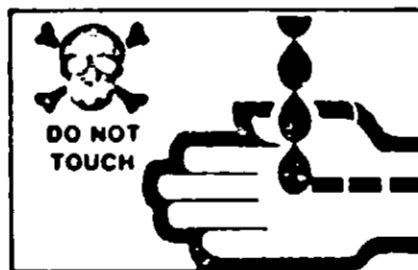


**DANGER**  
KEEP OUT OF  
THE REACH OF  
CHILDREN

**NOT FOR HOME USE**



**CAN KILL IF SWALLOWED**  
This product can kill you if swallowed even in small amounts. Spray mist may be fatal if swallowed.



**CAN KILL BY SKIN CONTACT**  
This product can kill you if touched by hands or spilled or splashed on skin, in eyes or on clothing (liquid goes through clothes).



**CAN KILL IF BREATHED**  
This product can kill you if vapors or spray mist are breathed.

## POISONOUS TO FISH AND WILDLIFE

This product is toxic to fish and wildlife. Birds and other wildlife in treated areas may be killed. Keep out of any body of water. Do not apply when weather conditions favor drift from treated areas. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment, or by disposal of wastes. Apply this product only as specified on this label.

## HIGHLY TOXIC TO BEES

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

## GENERAL INFORMATION

RIVERSIDE TOXON 44 is useful for the control of certain insect pests of cotton, rice, certain small grains (barley, oats, rye, wheat) and soybeans.

RIVERSIDE TOXON 44 may be applied by ground sprayers or by airplanes, mixing the RIVERSIDE TOXON 44 in water to form an emulsion spray solution. To make the spray solution, half fill the spray tank with water, agitate, add the proper amount of RIVERSIDE TOXON 44, and then fill the spray tank with water while still agitating. Continue to agitate during use.

When applying with ground sprayers calibrate so as to apply the recommended amount of RIVERSIDE TOXON 44 in not less than 3 gallons of water per acre. Airplanes should apply the recommended amount of RIVERSIDE TOXON 44 in not less than 1 gallon of water per acre. Always use sufficient water for adequate coverage of the crop foliage.

The amounts to use given in DIRECTIONS FOR USE are the amounts of RIVERSIDE TOXON 44 to apply per acre per application. Repeat applications as necessary unless stated otherwise in DIRECTIONS FOR USE.

The hazards and precautions for handling RIVERSIDE TOXON 44 in this container are equally applicable after dilution with water for spray application.

**READ ENTIRE LABEL BEFORE USING THIS PRODUCT:** Use of this product in a manner not in accordance with the information on this label may injure or kill humans, domestic animals, wildlife, aquatic life, desirable plants, create excessive and unwanted chemical residues, or produce other undesirable results.

**DO NOT USE, POUR, SPILL, OR STORE NEAR HEAT OR OPEN FLAME.**

## DIRECTIONS FOR USE

**COTTON** — When applying RIVERSIDE TOXON 44 by ground sprayers to cotton use as follows:

**Early Season** — For control of Aphids, Thrips, and Red Spider Mites make two to three applications of 1/2 to 1 pint of RIVERSIDE TOXON 44 per acre per application, starting when the cotton comes to a stand or when inspection shows these insects to be present.

**Mid-Season** — Start Mid-Season applications when the cotton starts squaring. Apply 1 pint of RIVERSIDE TOXON 44 per acre per application for control of Aphids, Boll Weevils, Fleahoppers, Rag and Tarnished Plant Bugs, and Red Spider Mites, making four or five applications at weekly intervals.

**Late Season** — Start treatment when Boll Weevil infestations reach 10% or more, or when infestations of other damaging insects controlled by RIVERSIDE TOXON 44 are noticed. Apply 1 to 2 pints of RIVERSIDE TOXON 44 depending upon the severity of the infestation at 3 to 4 day intervals until the infestation is brought under control. Late season insects controlled by 1 to 2 pints RIVERSIDE TOXON 44 per acre include Boll Weevil, Cotton Leafworm, Fleahoppers, and Red Spider Mites.

For control of the Bollworm apply 1 quart of RIVERSIDE TOXON 44 per acre per application at 3 to 4 day intervals until the infestation is brought under control.

When applying RIVERSIDE TOXON 44 by airplane make the applications on the same timing schedule as for ground machine applications, but always apply the amounts given for Late-Season applications.

Do not apply RIVERSIDE TOXON 44 within 7 days of hand picking or harvest. Workers entering cotton fields within 24 hours after application of RIVERSIDE TOXON 44 should wear protective clothing.

**SOYBEANS** — For control of stinkbug, use 1 pint per acre. Do not apply within 15 days of harvest. Do not feed treated forage to dairy animals or animals being finished for slaughter.

**SMALL GRAINS** — (B) Bug apply 1/2 to 1 1/2 pints of the infestation. For d apply 1 1/2 pints of RIVE Do not apply RIVERSIDE harvest.

**SOYBEANS** — For co worm, Mexican Bean Velvet Bean Caterpillar. Do not apply RIVERS harvest. Do not apply f feed treated plants of animals or animals of trash to livestock or p

## DISPOSAL OF CO

This container should be rendered useless by an instrument such as a buried underground as ing. This should be de location which would ponds. Any spray wa material or the destrud solution and buried in.

## NOTICE

RIVERSIDE CHEMICAL chemical description a when used in accorda neither this warranty n particular purpose, exg tray to label instructio not reasonably foresee assumes the risk of an EPA REG NO 9779-18

EPA Est. 9779-AL-1,2; AR-1,2; GA-1; LA-1; MS-1,2,3; TN-1; TX-1.



This label prints in three colors: GREEN (191 HUL # CF/309/03), RED (191 HUL # -WARM RED), and BLACK.

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**ONE PINT PER GALLON.  
COTTON, BARLEY, OATS, RYE, WHEAT, AND SOYBEANS.**

### GENERAL INFORMATION

RIVERSIDE TOXON 44 is useful for the control of certain insect pests of cotton, rice, certain small grains (barley, oats, rye, wheat), and soybeans.

RIVERSIDE TOXON 44 may be applied by ground sprayers or by airplanes, mixing the RIVERSIDE TOXON 44 in water to form an emulsion spray solution. To make the spray solution, half fill the spray tank with water, agitate, add the proper amount of RIVERSIDE TOXON 44, and then fill the spray tank with water while still agitating. Continue to agitate during use.

When applying with ground sprayers calibrate so as to apply the recommended amount of RIVERSIDE TOXON 44 in not less than 3 gallons of water per acre. Airplanes should apply the recommended amount of RIVERSIDE TOXON 44 in not less than 1 gallon of water per acre. Always use sufficient water for adequate coverage of the crop foliage.

The amounts to use given in DIRECTIONS FOR USE are the amounts of RIVERSIDE TOXON 44 to apply per acre per application. Repeat applications is necessary unless stated otherwise in DIRECTIONS FOR USE.

The hazards and precautions for handling RIVERSIDE TOXON 44 in this container are equally applicable to it after dilution with water for spray application.

**READ ENTIRE LABEL BEFORE USING THIS PRODUCT:** Use of this product in a manner not in accordance with the information on this label may injure or kill humans, domestic animals, wildlife, aquatic life, desirable plants, create excessive and unusual chemical residues, or produce other undesirable results.

**DO NOT USE, POUR, SPILL, OR STORE NEAR HEAT OR OPEN FLAME.**

### DIRECTIONS FOR USE

**COTTON** — When applying RIVERSIDE TOXON 44 by ground sprayers to cotton use as follows:

**Early Season** — For control of Aphids, Thrips, and Red Spider Mites make two to three applications of 1/2 to 1 1/2 pint of RIVERSIDE TOXON 44 per acre per application, starting when the cotton comes to a stand or when inspection shows these insects to be present.

**Mid-Season** — Start Mid-Season applications when the cotton starts squaring. Apply 1 pint of RIVERSIDE TOXON 44 per acre per application for control of Aphids, Boll Weevils, Fleahoppers, Rag and Tarnished Plant Bugs, and Red Spider Mites making four or five applications at weekly intervals.

**Late Season** — Start treatments when Boll Weevil infestations reach 10% or more, or when infestations of other damaging insects controlled by RIVERSIDE TOXON 44 are noticed. Apply 1 to 2 pints of RIVERSIDE TOXON 44 depending upon the severity of the infestation at 3 to 4 day intervals until the infestation is brought under control. Late season insects controlled by 1 to 2 pints RIVERSIDE TOXON 44 per acre include Boll Weevil, Cotton Leafworm, Fleahoppers, and Red Spider Mites.

For control of the Bollworm apply 1 quart of RIVERSIDE TOXON 44 per acre per application at 3 to 4 day intervals until the infestation is brought under control.

When applying RIVERSIDE TOXON 44 by airplane make the applications on the same timing schedule as for ground machine applications, but always apply the amounts given for Late-Season applications.

Do not apply RIVERSIDE TOXON 44 within 7 days of hand picking or harvest. Workers entering cotton fields within 24 hours after application of RIVERSIDE TOXON 44 should wear protective clothing.

**RICE** — For control of stinkbug, use 1 pint per acre. Do not apply within 15 days of harvest. Do not feed treated forage to dairy animals or animals being finished for slaughter.

**SMALL GRAINS** — (Barley, Oats, Rye, Wheat) — For control of Aphids (Green Bug) apply 1/2 to 1 1/2 pint per acre per application, depending upon the severity of the infestation. For control of Armyworms (up to 3rd instar) and Leafhoppers apply 1 1/2 pints of RIVERSIDE TOXON 44 per acre per application.

Do not apply RIVERSIDE TOXON 44 to small grains later than 15 days prior to harvest.

**SOYBEANS** — For control of Corn Earworm, Fall Armyworm, Green Cloverworm, Mexican Bean Beetle, Stink Bug, Three Cornered Alfalfa Hopper, and Velvet Bean Caterpillar apply 1 quart of RIVERSIDE TOXON 44 per acre.

Do not apply RIVERSIDE TOXON 44 to soybeans later than 21 days prior to harvest. Do not apply more than two applications per growing season. Do not feed treated parts or ensilage made from treated plants to poultry, dairy animals, or animals being finished for slaughter. Do not feed soybean mill trash to livestock or poultry.

### DISPOSAL OF CONTAINER AND WASTES

This container should not be reused for ANY purpose. When empty, it should be rendered useless by punching large holes in the top, bottom, and sides with an instrument such as an axe. It should then be mashed as flat as possible and buried underground as deep as practical, with at least 18 inches of soil covering. This should be done in an isolated area, away from habitation, and in a location which would not drain into, or cause pollution of lakes, streams, or ponds. Any spray wastes or spillage resulting from the application of this material or the destruction of the container should be neutralized with a caustic solution and buried in a pit with the disposed container.

### NOTICE

RIVERSIDE CHEMICAL COMPANY warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to RIVERSIDE CHEMICAL COMPANY, and Luyar assumes the risk of any such use.

EPA REG NO 9779-189

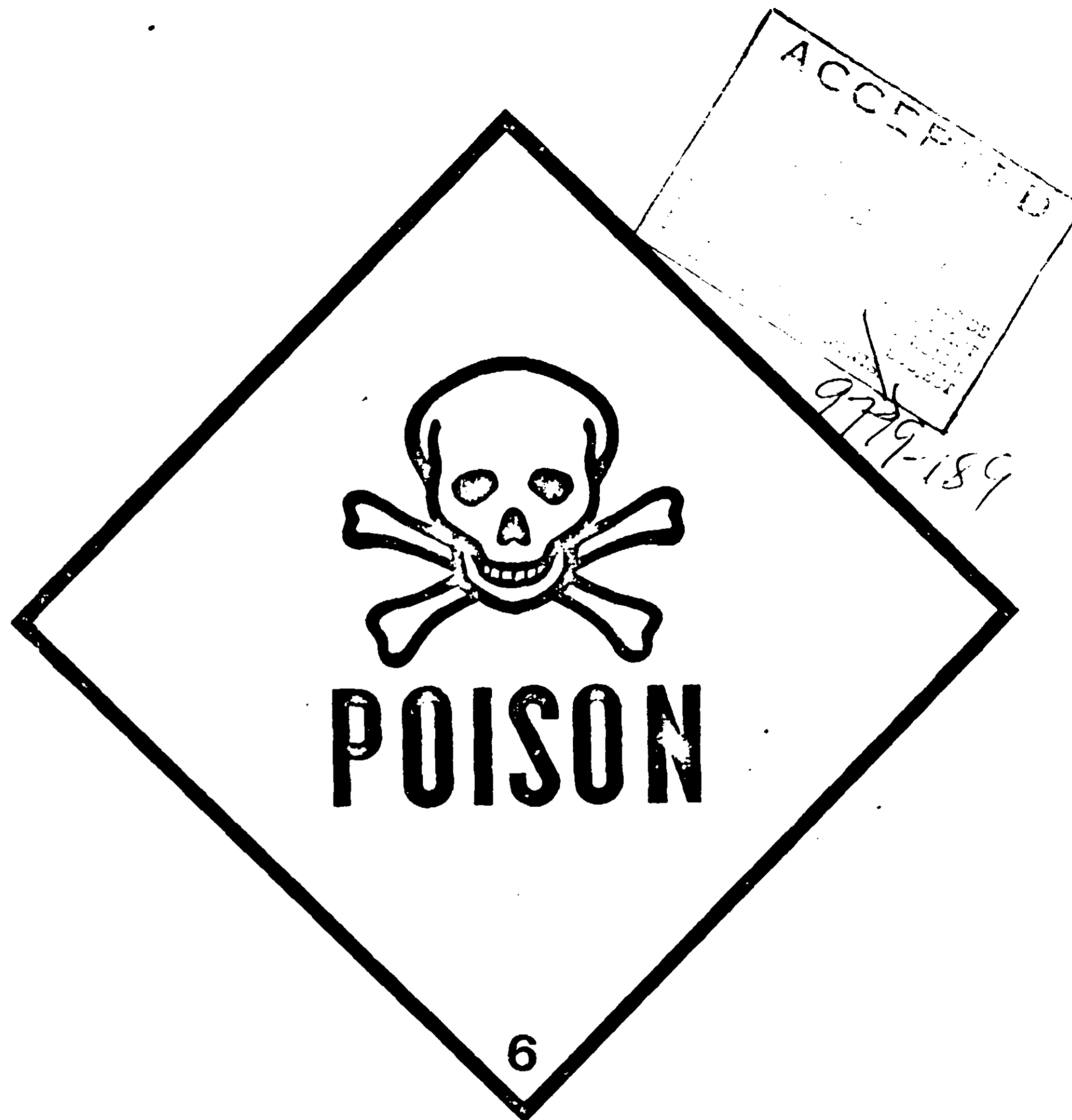
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MANUFACTURED BY  
**RIVERSIDE CHEMICAL CO.**

A SUBSIDIARY OF COOK INDUSTRIES INC. MEMPHIS, TN 38116

*Riverside serves agriculture. Agriculture serves everyone.*



# METHYL PARATHION MIXTURE, LIQUID

**RED (1/2 PINT PER GALLON), and BLACK.**