

# QUIK-PICK™

## A LIQUID CHLORATE COTTON DEFOLIANT

Patent Nos. 2,368,275 2,749,227

ACCEPTED  
 JUN 21 1967  
 UNDER THE FEDERAL PESTICIDE  
 FUNGICIDE AND HERBICIDE ACT  
 FOR ECONOMIC PESTION REG. STER-  
 ED UNDER NO. 1258-590

### ACTIVE INGREDIENT

Sodium chlorate (NaClO <sub>3</sub> ) .....	18.27
<b>INERT INGREDIENTS</b> .....	<b>81.82</b>
<b>Total</b> .....	<b>100.07</b>

\*Contains 2.0 lbs. sodium chlorate per gallon at 68° F.  
 Includes 21.2% sodium metaborate as a fire suppressant.

### CAUTION (18 pt)

KEEP OUT OF REACH OF CHILDREN AND ANIMALS (12 pt)

HARMFUL IF SWALLOWED. AVOID BREATHING OF SPRAY MIST. AVOID CONTACT WITH SKIN, EYES OR CLOTHING. WASH THOROUGHLY AFTER USING. AVOID CONTAMINATION OF FEED AND FOODSTUFFS.

### DIRECTIONS FOR USE

**GENERAL INFORMATION:** "Quik-Pick" is applied directly to the crop as it stands in the field. Its use permits earlier and easier harvesting of cotton by causing the leaves to drop off within a few days after application, thus hastening the drying out process.

**Mixing:** Auxiliary mixing tank with agitation will assure more thorough mixing of chemical with water and reduce operation time.

**APPLICATION:** May be applied by ground sprayer or by airplane. Thorough coverage of the plants is essential. On cotton a second application may be required under some conditions. Low temperatures require a longer period for "Quik-Pick" to act; also under such conditions use the higher rate.

**For Ground Sprayers** add the required amount of "Quik-Pick" to sufficient water to give adequate coverage, e.g. cotton 8 to 12 gallons of water per acre.

**For Airplane Application** add the required amount of "Quik-Pick" in 5 to 10 gallons of total solution per acre. Use the lower rate when plants and weather conditions are ideal for defoliation. Swath width should not exceed the wing span; altitude and speed of aircraft should be regulated to give best spray coverage. Applications should not be attempted during periods of windy weather as spray may drift and cause defoliation or damage to other crops. Do not apply during very high temperatures found in some areas at mid-day.

### DIRECTIONS FOR USE (Con't)

**COTTON:** Use 1½ to 2 gallons "Quik-Pick" per acre applied by ground sprayer or by airplane. Six to eight nozzles per row are usually necessary to obtain good leaf coverage from ground sprayer application. Flood type nozzles have given excellent results.

**Factors Limiting Defoliation of Cotton:** Immature or over-mature plants generally are difficult to defoliate. Defoliation should not be attempted earlier than 30 to 40 days after cut-out (usually 40 days in irrigated areas). In areas where cut-out is not sharply defined, maturity of the plants should be judged by experienced personnel. Uniform defoliation within a field may sometimes be difficult to obtain because of irregular plant maturity.

**Stressed Cotton:** Satisfactory defoliation may not be obtained when cotton plants are suffering from lack of moisture or when plant growth is retarded by cold weather.

**TIME OF APPLICATION:** Apply on cotton 2 to 3 weeks prior to anticipated picking date. Do not apply within 7 to 10 days of harvest.

Do not permit animals to graze on the treated areas. Do not feed seed or gin trash from treated fields to livestock.

Do not apply to any area not specified on the label. Do not apply when weather conditions favor drift of spray from the crop area being treated.

For added safety against fire and corrosion, aircraft and other equipment used should be washed down thoroughly BEFORE and AFTER use.

dispose of liquid waste in a pit in non-crop lands away from water supplies. DESTROY THIS CONTAINER WHEN EMPTY — NEVER RE-USE

### NOTICE TO BUYER

Seller's guarantee shall be limited to the terms of the label and subject thereto the Buyer assumes any risk to persons or property arising out of the use or handling and accepts the product on these conditions.

QUIK-PICK™ is a trademark of Olin

NET CONTENTS 55 GALLONS

MANUFACTURED FOR

USDA Reg. No. 1258-590 LRL19E-05Q 6224704

MINNEAPOLIS, MINN.  
 BIRMINGHAM, ALA.  
 CHICAGO, ILL.  
 NEW YORK, N.Y.  
 OMAHA, NEB.

AGRICULTURAL DIVISION



MEMPHIS, TENN.  
 MOBILE, ALA.  
 NEW ORLEANS, LA.  
 WASHINGTON, D.C.  
 WICHITA, KAN.

# SODIUM CHLORATE

## Shipment, Handling, Storage

Sodium chlorate\* is sold by Olin's Chemicals Division to the pulp and paper industry in specially designed hopper rail cars. These cars are equipped to handle problems inherent in bulk shipments and can be rapidly and safely unloaded with a minimum of manpower by dissolving the chlorate in a recirculating stream.

The unique construction of these cars includes two separate compartments with sloping floors for rapid drainage of solution. A four inch discharge outlet, located in the bottom of each compartment, is hooked into a common manifold to allow one bottom connection to be made for unloading from both compartments. Each compartment has a vertical jet pipe centered directly over the four inch discharge outlet.

The water or recirculated solution used to dissolve the chlorate enters the car through the top of the vertical jet pipe. As the solution passes through the pipe it splits into two streams, one of which jets directly into the car outlet line to prevent undissolved lumps of sodium chlorate from clogging the line. The primary solution stream discharges through a side nozzle near the bottom of the pipe. This stream sprays on the chlorate crystals, thus dissolving them. The dissolved chlorate then flows out through the bottom outlet.

Four large hatches on top of each compartment simplify inspection of the contents of the car.

\*Manufactured by Penn-Olin Chemical Co.

SODIUM CHLORATE

