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19713-141

DREXEL

**BOLLS-EYE
OTTON DEFOLIANT**

**FOR USE AS A DEFOLIANT FOR IRRIGATED AND DRYLAND COTTON
SODIUM CACODYLATE AND CACODYLIC ACID LIQUID
PLUS SURFACTANT**

ACTIVE INGREDIENTS:

Sodium Cacodylate	27.24%
Dimethylarsinic Acid (Cacodylate Acid).	4.70%
INERT INGREDIENTS:	68.06%
TOTAL	100.00%

Total Arsenic (as elemental) all in water
soluble form. 15.35%
Product Contains 3.10 lbs. Cacodylic Acid Equivalent per
Gallon.

Boills-Eye is a registered trademark of APC Holding, Inc.

**KEEP OUT OF THE REACH OF CHILDREN
CAUTION**

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Immediately flush eyes with plenty of water.
Get medical attention.
IF ON SKIN: Flush with plenty of water. Get medical
attention if irritation persists.
IF SWALLOWED: Call a physician or Poison Control Center.
Drink 1 or 2 glasses of water and induce vomiting by
touching back of throat with finger. Do not give anything
by mouth to an unconscious person.

NET CONTENTS:

EPA Reg. No. 19713-141
EPA Est. No. 19713-MS-1

Manufactured By:
Drexel Chemical Company
P.O. Box 9306
Memphis, Tenn 38109-0306

NOTICE - READ LABEL FIRST
DATE 11/11/71
BY 9 R 123

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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes, skin and clothing. Avoid breathing spray mist. Wash hands and face before eating or smoking. Wash thoroughly after handling. Keep children and domestic animals off treated areas until the material has been washed into the soil.

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

GENERAL INFORMATION

Bolls-Eye Cotton Defoliant is used as a harvest aid for the defoliation of cotton. Its phytotoxic properties are quickly inactivated on contact with the soil. It is a combination of a defoliating agent and surfactant. It is desirable to add additional surfactant when using ground application equipment (see use directions); none need be added to aerial application.

CARE OF EQUIPMENT

Although Bolls-Eye Cotton Defoliant is only moderately corrosive, do not apply with any applicator that is lined with zinc, tin, or aluminum.

MIXING INSTRUCTIONS:

Bolls-Eye Cotton Defoliant is completely water soluble. Fill the spray equipment reservoir about half full with water and add the required amount of defoliant with agitation. Finish filling the reservoir with water and apply. After use, clean equipment thoroughly by flushing with water. Do not store spray solution in tank for a prolonged period.

DIRECTIONS FOR USE:

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

Do not apply this product through any type of irrigation system.

Bolls-Eye Cotton Defoliant is useful as a harvest aid for the defoliation of irrigated and dryland cotton with aerial or ground application equipment. For the most effective defoliation, good coverage of all leaves is essential.

Nozzles must be arranged to provide thorough coverage of the foliage. If applied by airplane, use 5 to 10 gallons of water per acre. This range will generally provide adequate coverage. If applied by ground equipment, a spray volume of 15 to 25 gallons of water/A is preferred. With ground application equipment and at spray volumes of 15 to 25

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gal./A, add 1/3 to 2/3 pts. of Surfak 820 or similar approved non-ionic surfactant.

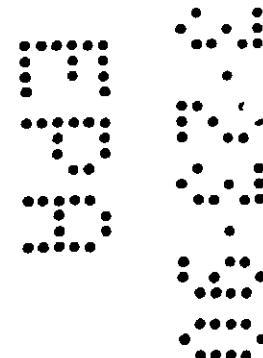
DEFOLIATION OF DRYLAND COTTON: Apply 2 to 2.5 pts. of Bolls-Eye Cotton Defoliant per acre when 50% or more of the bolls are open (7 to 10 days prior to anticipated picking).

DEFOLIATION OF IRRIGATED COTTON: Apply 2.5 to 3 pts. of Bolls-Eye Cotton Defoliant per acre when 50% or more of the bolls are open (7 to 10 days prior to anticipated picking).

TANK-MIX RECOMMENDATIONS: Bolls-Eye Cotton Defoliant may be tank-mixed with DEF Cotton Defoliant for more consistent defoliation over a wide range of environmental conditions. The combination should be applied when 50% or more of the bolls are open (7 to 10 days prior to anticipated picking). Apply at the rate of 1.6-2.0 pt/A of Bolls Eye plus 1.0-1.5 pt/A of DEF.

MIXING INSTRUCTIONS: If applied aurally, use 5 to 10 gallons of water per acre. This range will generally provide adequate coverage if applied by ground equipment, a spray volume of 15 to 25 gallons of water per acre is preferred. Do not add additional surfactant or oils when using tank-mix applications.

Prior to use read the current EPA registered label of each component of the tank-mix for general directions, caution, and existing precautions. Do not exceed recommended label rates for each individual defoliating chemical.



STORAGE AND DISPOSAL

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

PESTICIDE DISPOSAL:

Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to Federal or approved state procedures under Subtitle C of the Resource Conservation and Recovery Act.

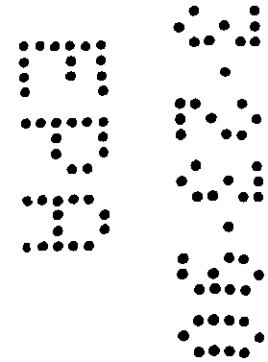
CONTAINER DISPOSAL:

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or disposal of in a sanitary landfill, or by incineration if allowed by state and local authorities.

WARRANTY - CONDITION OF SALE:

OUR RECOMMENDATIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.

In no case shall Drexel or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by Drexel Chemical Company and is accepted as such by the Buyer.



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BOLLS-EYE COTTON DEFOLIANT
DATA SHEET

PHYSICAL PROPERTIES

Appearance	Light Red-Brown Liquid
Density, g./ml. (20°C)1.310
Net Weight per Gallon, Lbs.10.92
pH (1:20 v/v).6.7 - 7.3
Arsenic Content (as elemental)15.41%
Freezing Point	Below 0°F.

Handling

As with any pesticide, it is recommended that contact with the material be avoided.

USES

Bolls-Eye Cotton Defoliant is useful as a harvest aid for the defoliation of irrigated and dryland cotton with aerial or ground application equipment. For the most effective defoliation, good coverage of all leaves is essential. Nozzles must be arranged to provide thorough coverage of the foliage. If applied by airplane, use 5 to 10 gallons of water per acre. This range will generally provide adequate coverage. If applied by ground equipment, a spray volume of 15 to 25 gallons of water per acre is preferred. With ground application equipment and at spray volumes of 15 to 25 gallons per acre, add 1/3 to 2/3 pints of Surfac 820 or similar approved non-ionic surfactant.

Apply Bolls-Eye Cotton Defoliant when 50% or more of the bolls are open (7 to 10 days prior to anticipated picking).

