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| US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i> | EPA REGISTRATION NUMBER 42519-5 | DATE OF ISSUANCE APR 28 1986 |
| | TERM OF ISSUANCE Conditional | |
| | NAME OF PESTICIDE PRODUCT Luxembourg Panol Cacodylate 3.1 | |

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Luxembourg Panol Inc.
 c/o Sheldon Friedman
 1004 West 77th Street
 Indianapolis, IN 46260

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Registration No. 42519-5."
 - b. In the Hazards to Humans section delete "dust or"
 - c. In the Pesticide Disposal Section delete:

 wastes resulting from use . . . approved
 waste disposal facility.

This product can only be formulated with the surfactant specified in the Confidential Statement of Formula dated June 19 1985.

- d. In the Directions for Use add:

 Do not feed treated foliage to livestock or graze treated areas.

ATTACHMENT IS APPLICABLE

| | |
|---------------------------------|----------------------------|
| SIGNATURE OF APPROVING OFFICIAL | DATE APR 28 1986 |
|---------------------------------|----------------------------|

89771:Mountfort:MF-3:KENCO:4/23/86:4/24/86:mcf.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Richard F. Mountfort *RFM*
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (TS-767C)

Enclosures

Sample to 19713-141 C

LUXEMBOURG PAMOL

CACODYLATE 3.1

For Use As A Defoliant For Irrigated and Dryland Cotton

Sodium Cacodylate and Cacodylic Acid Liquid Plus Surfactant

ACTIVE INGREDIENTS:

| | |
|---|---------|
| Sodium Cacodylate..... | 27.24% |
| Dimehtylarsinic Acid (Cacodylate Acid)..... | 4.70% |
| INERT INGREDIENTS:..... | 68.06% |
| TOTAL..... | 100.00% |

Total Arsenic (as elemental) all in water soluble form.....15.34%

Product Contains 3.10 lbs. Cacodylic Acid Equivalent Per Gallon.

KEEP OUT OF REACH OF CHILDREN
CAUTION

ACCEPTED
with comments
 APR 28 1986
 Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, this product is registered under EPA Reg. No. 42519-5

See Side Panel For Additional Precautionary Statements

EPA Registration No 42519-
EPA Establishment No 42519-IS-1

Net Contents: 2½ gallons
9.45 liters

Manufactured By:
Pamol, Inc.
P.O. Box 13
Tel Aviv, Israel

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed. May cause irritation of eyes, nose, throat and skin. Avoid contact with eyes, skin and clothing. Avoid breathing dust/spray mist. Wash hands and face before eating or smoking. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Do not contaminate feed and food stuffs. Keep children and domestic animals off treated areas until this material has been washed into the soil. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

STATEMENT OF PRACTICAL TREATMENT

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 induce vomiting or give anything by mouth to an unconscious person.

IF IN EYES: Immediately flush eyes with plenty of water and get medical attention.

IF ON SKIN: Immediately wash skin with plenty of soap and water while removing contaminated clothing and shoes. If irritation develops, seek medical attention.

IF INHALED: Remove victim to fresh air.

DO NOT enter treated areas without protective clothing until sprays have dried.

Protective Clothing Requirements:

Wear protective clothing when handling or applying this product including long pants, long-sleeve shirt, and impermeable gloves and boots. Mixer-loaders should include an apron and full-face shield when handling or mixing concentrate. Flagmen should be fully protected during spray operations or mechanical flagmen used. Pilots and ground spray rig applicators should wear a mask or respirator approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health.

ENVIRONMENTAL HAZARDS

Do not apply directly to any body of water. Do not contaminate water used for irrigation or domestic purposes. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from areas treated.

Farm Worker Safety Statements

Do not enter treated areas without protective clothing until sprays have dried.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings must inform workers of areas or fields that may not be entered without specific protective clothing until sprays have dried, and

appropriate actions to take in case of accidental exposure, as described under Precautionary Statements on this label. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. CAUTION. Area treated with Cacodylate/ on [date of application]. Do not enter without appropriate protective clothing until sprays have dried. In case of accidental exposure, flush eyes or skin with plenty of water. Call physician if irritation persists. Remove and wash contaminated clothing before reuse.

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GENERAL INFORMATION

Cacodylate 3.1 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 for aerial application.

CARE OF EQUIPMENT:

Although Cacodylate 3.1 is only moderately corrosive, do not apply with any applicator that is lined with zinc, tin, or aluminum.

MIXING INSTRUCTIONS

Cacodylate 3.1 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.

Cacodylate 3.1 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.

DEFOLIATION OF DRYLAND COTTON:

Apply 2 to 2.5 pints of Cacodylate 3.1 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 pints of Cacodylate 3.1 per acre when 50% or more of the bolls are open (7 to 10 days prior to anticipated picking).

✓ TANK-MIX RECOMMENDATIONS:

Cacodylate 3.1 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 Cacodylate 3.1 plus 1.0 - 1.5 pt/A of DEF.

✓ MIXING INSTRUCTIONS:

If applied aerially, 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 or disposal.

STORAGE INSTRUCTIONS

Storage should be under lock and key and secure from access by unauthorized persons and children. Storage should be in a cool dry area away from any heat or ignition source. High heat may form volatile arsenic compounds. Do not stack over cases high. Move containers by handles or in cases. Do not move containers from one area to another unless they are securely sealed. Keep container tightly sealed when not in use. Keep away from any puncture source. Avoid storage near water supplies, food, feed, seed, fungicides, insecticides and fertilizer to avoid contamination. Store in original containers only. If the contents are leaking or material is spilled follow these steps while wearing protective clothing:

1. Contain spill, absorb with an inert material such as sand or saw dust.
2. Collect and place in suitable containers for disposal.
3. Wash area with water and soap to remove remaining pesticide.
4. Follow washing with clean water rinse.
5. Place a leaking container in a plastic tub and transfer contents as soon as possible to an empty original container.
6. Do not allow run-off to enter sewer or contaminate water supplies.
7. Dispose of waste as indicated below.

PESTICIDE DISPOSAL

~~Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.~~ Pesticide wastes are toxic.

Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY - CONDITION OF SALE:

DIRECTIONS FOR USE of this product are based on field use and tests believed reliable and should be followed carefully. It is however impossible to eliminate all risks associated with use of this product. Because such factors as weather conditions, foreign material and manner of use for application are all beyond the control of the Seller of this product, such things as crop injury, ineffectiveness or other unintended consequences may result.

ALL SUCH RISKS ARE ASSUMED BY THE BUYER

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use. Seller makes no other warranties, express or implied, including FITNESS OR MERCHANTABILITY. In no case shall the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. The foregoing is a condition of sale by Seller and is accepted as such by the Buyer.

When such use or handling is contrary to directions given on labeling