

PRODUCT NO.

479

SHED-A-LEAF "L"

NET CONTENTS
GALLONS

ACCEPTED

3-9-71

(A LIQUID)

The Original Chlorate Defoliant and Desiccant

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

359-344

For Use as a Cotton Defoliant and Desiccant

ACTIVE INGREDIENT:

Sodium Chlorate (NaClO₃)* 18.5%

INERT INGREDIENTS** 81.5%

*Contains 2.0 lbs. sodium chlorate per gallon at 68°F.

**Includes water soluble boron compounds to inhibit fire hazard of sodium chlorate.

CAUTION: Keep Out of Reach of Children

Harmful if swallowed. Avoid contamination of feed and foodstuffs. Keep opened containers away from children and animals. Wash clothing and equipment after handling this product.

Do not reuse empty container. Wash thoroughly with water and detergent. Discard in a safe place.

Do not store at temperatures below 32° F.

GENERAL INFORMATION: Shed-A-Leaf "L" has been developed as a defoliant and desiccant for cotton. It is applied directly to the crop as it stands in the field. Its use permits earlier and easier harvesting of cotton.

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 plants is essential. A second application may be required under some conditions. Low temperatures require higher rate and longer period for Shed-A-Leaf "L" to act. Satisfactory defoliation or desiccation may not be obtained when crop is suffering from lack of moisture or during cold weather: 45° and below.

For Ground Sprayers add the required amount of Shed-A-Leaf "L" to sufficient water to give adequate coverage, for example: cotton 8 to 12 gallons.

For Airplane Application apply required amount of Shed-A-Leaf "L" in 5 to 10 gallons of total solution per acre. Use lower rate when plants and weather conditions are ideal for defoliation. Swath width should not exceed 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.

COTTON: Use 1 1/2 to 2 gallons per acre, applied by ground sprayer or by airplane. Six to 8 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. Do not feed gin trash to livestock. Do not graze livestock on treated areas.

Time of Application: Apply on cotton 2 to 3 weeks prior to anticipated picking date.

Local conditions may affect the use of this chemical. Consult State agricultural extension or Experiment Station specialists for specific recommendations, consistent with label for local pest problems.

A method of defoliating with compositions containing Sodium Chlorate and Sodium Metaborate is covered by United States Patent No. 2,749,227. This product is sold for use in defoliation, and the original sale of this product included a prepaid royalty at the rate of one cent per pound of the patented defoliant composition, i.e., sodium metaborate, calculated as the octahydrate, Na₂B₄O₇·8H₂O and sodium chlorate, contained in said product for the right of any purchaser hereof to use this product in practicing said patented method. However, the formulation and use of said defoliant being beyond its knowledge and control, Rhodia, Inc., Chipman Division makes no warranty in connection therewith. A non-transferable license to practice the defoliating method of said patent with material from any source at the same rate of royalty may be acquired upon written request to Rhodia, Inc., Chipman Division, P.O. Box 2009, New Brunswick, New Jersey 08903.

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 or handling of this material not in strict accordance with directions given herewith.

Do NOT Store with Foodsuffs

EPA Reg. No.
359-399

Part. 3.5M-1-671

Atlanta, Ga.
Bound Brook, N. J.
Hinsdale, Ill.
N. Kansas City, Mo.

Manufactured by

RHODIA, INC.
CHIPMAN DIVISION
NEW BRUNSWICK, NEW JERSEY

Fresno, Calif.
Pasadena, Tex.
Portland, Ore.
St. Paul, Minn.



PRODUCT NO.

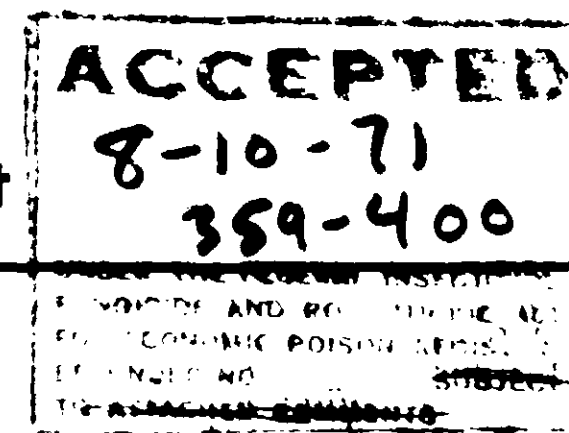
477

SHED-A-LEAF®

NET WEIGHT
50 POUNDS

(A WATER-SOLUBLE POWDER)

The Original Chlorate Defoliant and Desiccant



For Use as a Cotton Defoliant and Desiccant

ACTIVE INGREDIENT:

Sodium Chlorate (NaClO₃) 40.0%

INERT INGREDIENTS* 60.0%

*Includes water soluble boron compounds to inhibit the fire hazard of sodium chlorate.

U. S. Patent Nos. 2,368,275, 2,749,227 and 2,886,425

CAUTION: Keep Out of Reach of Children

CAUTION: Harmful if swallowed. Avoid contamination of feed and foodstuffs. Keep opened containers away from children and domestic animals. Wash clothing and equipment after handling this product.

GENERAL INFORMATION: Shed-A-Leaf has been developed as a defoliant and desiccant for cotton. It is applied directly to the crop as it stands in the field. Its use permits earlier and easier harvesting of cotton.

MIXING: Fill mixing tank approximately 2/3 full with water and while agitating, add Shed-A-Leaf and balance of water. Agitate until Shed-A-Leaf is completely dissolved. For airplane application use auxiliary tank with agitation to dissolve Shed-A-Leaf in advance of spraying.

APPLICATION: May be applied by ground sprayer or aircraft. Thorough coverage of plants is essential. A second application may be required under some conditions. Low temperatures require higher rate and longer period for Shed-A-Leaf to act. Satisfactory defoliation or desiccation may not be obtained when crop is suffering from lack of moisture or during cold weather, 45° and below. When applied by airplane, use 7 to 10 gals. total solution per acre; swath width should not exceed the wing span; altitude and speed of plane should be regulated to give best spray coverage. When applied by ground sprayer, use 15 to 30 gals. total solution per acre, depending on size of plants. Avoid application during windy periods as spray may drift and injure other crops. Do NOT apply during very high temperatures.

COTTON: Use 7 to 10 lbs. in 7 to 10 gals. of water per acre. Defoliation should NOT be attempted earlier than 30 to 40 days after cut-out (usually 40 days in irrigated areas). Immature and over-mature plants are generally difficult to defoliate. In areas where cut-out is not sharply defined, maturity of the plants should be judged by experienced personnel. Defoliation may not be uniform in fields of irregularly maturing plants and may not be satisfactory where plants are suffering from lack of moisture or growth is retarded by cold weather. Apply Shed-A-Leaf 2 to 3 weeks prior to anticipated picking date. Use 10 lbs. rate where plants are difficult to defoliate. A second application may be required under some conditions. Do NOT feed gin trash to livestock. Do NOT graze livestock in treated areas.

Do NOT reuse container. Destroy by burying in a safe place. Do NOT burn.

Local conditions may affect the use of this chemical. Consult State agricultural extension or Experiment Station weed specialists for specific recommendations for local weed problems and for information on possible lower dosages.

A method of defoliating with compositions containing Sodium Chlorate and Sodium Metaborate is covered by U. S. Patent No. 2,749,227, owned by Rhodia, Inc. This product is sold for use in defoliation, and the original sale of this product included a prepaid royalty at the rate of one cent per pound of the patented defoliant composition, i.e. sodium metaborate calculated as the octahydrate Na₂B₄O₇·8H₂O and sodium chlorate, contained in said product for the right of any purchaser hereof to use this product in practicing said patented method. However, the formulation and use of said defoliant being beyond its knowledge and control, Rhodia, Inc., Chipman Division makes no warranty in connection therewith. A non-transferable license to practice the defoliating method of said patent with material from any source at the same rate of royalty may be acquired upon written request to Rhodia, Inc., Chipman Division, 120 Jersey Avenue, New Brunswick, New Jersey 08903.

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EPA Reg. No.
359-400

Port. 2C-1-671

Atlanta, Ga.
Bound Brook, N. J.
Hinsdale, Ill.
N. Kansas City, Mo.

Manufactured by

RHODIA INC.
CHIPMAN DIVISION
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