

Reg # 5905-461

PM-25

Not For Use in California.

**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans and Domestic Animals****DANGER**

Corrosive. Causes eye damage. Harmful or fatal if swallowed. Do not get in eyes or on clothing. Wear goggles or face shield when handling this product.

Avoid contact with skin. Wash thoroughly after handling. Remove and wash contaminated clothing before reuse.

**STATEMENT OF PRACTICAL TREATMENT**

**IF SPLASHED IN EYES:** Flush with water for 15 minutes. Get medical attention.

**IF SPILLED ON SKIN:** Wash with plenty of soap and water. Get medical attention. Irritation possible.

**IF SWALLOWED:** Drink immediately a large quantity of water or milk. Whites or gelatin solution if there are no whites. Drink a large quantity of water. Avoid alcohol. Get medical attention.

**NOTE TO PHYSICIAN:**

Keep patient hydrated. Do not use for 48 hours after application.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water. Do not contaminate water by cleaning, or equipment or disposal of water. Do not allow spray to contact adjacent crops or other plants that may be defoliated.

Clean and wash spray equipment before and after use and flush with water to contact defoliated plants.

**PHYSICAL AND CHEMICAL HAZARDS**

To avoid fire or explosion, do not mix with flammable liquids.

**DIRECTIONS FOR USE**

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

**STORAGE AND DISPOSAL**

**Prohibitions:** Do not contaminate water, food, or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.

**Pesticide Disposal:** Pesticide, spray mixture or residue that cannot be used or chemically reprocessed should be disposed of according to procedures approved by Federal, State or local disposal authorities.

**Container Disposal:** Reseal container and offer for recycling or Triple Rinse (or equivalent) and offer for reconditioning or disposal in approved land fill or bury in a safe place.

Consult Federal, State or Local Authorities for approved alternative procedures.

**GENERAL INFORMATION**

Weather conditions and plant conditions affect defoliation. Weather conditions that favor good defoliation are high temperature, high humidity, low wind velocity, high to adequate soil moisture. Plant conditions which favor good defoliation are ample fertility and moisture, complete insect control. Nutrients should be ample but not too much nitrogen. **LEAVES SHOULD BE GREEN AND TURGID (NOT WILTED, TOUGHENED OR STUNNED BY LACK OF FERTILIZERS).**

**MATURITY:** Boll load heavy, most bolls mature, vegetative growth ceased, little or no seedling growth.

**COTTON:** Defoliation - Do not treat later than 7 to 10 days prior to harvest. Thorough coverage of the plant is essential.

**AIR APPLICATION:** Apply 2 to 3 qts. of Helena 6 LB Chlorate per acre in sufficient water to make 4 to 10 gallons total solution per acre. Use the lower rate when plants and weather conditions are ideal for defoliation. Swath width should not

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# 6 LB SODIUM CHLORATE

**DEFOLIANT-DESICCANT****ACTIVE INGREDIENT**

Sodium Chlorate	47.2%
Inerts	52.8%
TOTAL	100.0%

\*One gallon of product contains 5.0 lbs. of Sodium Chlorate plus fire retardant.

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

For additional Precautions and Statements of Practical Treatment, see left side panel.

exceed wing spread. Altitude and speed of aircraft should be regulated to give sufficient spray coverage. Do not apply during periods of excessive wind as spray may drift and cause defoliation of adjoining cotton or injury to other crops. Do not apply during very high temperatures found in some areas at mid-day. **GROUND MACHINE APPLICATION:** Apply 2 to 3 qts. of Helena 6 LB Chlorate per acre in sufficient water to make 15 to 30 gallons total solution per acre. Cotton defoliants should be applied when 70% of the bolls are open. Poor defoliation often occurs under unfavorable weather, soil moisture, fertility and plant conditions. Uniform defoliation within a field may sometimes be difficult to obtain because of irregular plant maturity. Satisfactory defoliation may not be obtained with cotton plants that are suffering from lack of moisture or when plant growth is retarded by cold weather. Do not graze treated areas or feed gin waste to livestock. Flush out equipment with water after each day's work.

**GRAIN SORGHUM:** As a desiccant apply 3 qts. to 1 gallon of Helena 6 LB Chlorate per acre 7 to 10 days before harvest. Application should be made in enough water for thorough coverage. Apply a total of 4 to 10 gallons of spray per acre by air and 10 to 20 gallons per acre by ground equipment.

**RICE:** As a pre-harvest desiccant, apply 3 qts. to 1 gallon Helena 6 LB Chlorate in enough water for thorough coverage. By air, use a minimum of 5 gallons per acre. Application should be made 7 to 10 days before harvest. Do not graze treated fields or feed treated straw or crop residues within 14 days of application.

**SAFFLOWER:** As a pre-harvest desiccant, apply 1 gallon Helena 6 LB Chlorate per acre in enough water for thorough coverage. By air, apply 5 to 10 total gallons of spray per acre. By ground, apply 20 to 30 gallons of total spray per acre. Application should be made 7 to 10 days before harvest when safflower heads are fully

mature. Do not apply later than 7 days before harvest. Do not feed treated forage or graze treated fields. \*

**SOYBEANS:** As a pre-harvest desiccant apply 1 gallon of Helena 6 LB Chlorate per acre in enough water for thorough coverage. By air, apply a minimum of 5 gallons of spray solution per acre for ground application, apply a minimum of 20 gallons of spray solution per acre. Application should be made 7 to 10 days prior to normal anticipated harvest. Do not feed treated forage or graze treated fields. \*

**SUNFLOWER:** As a pre-harvest desiccant apply 1 gallon of Helena 6 LB Chlorate per acre to fully mature seedheads in enough water for thorough coverage. By air, apply 5 to 10 gallons of total spray solution per acre. By ground equipment, apply 20 to 30 gallons of total spray solution per acre. Application should be made 7 days prior to normal harvest. Do not apply later than 7 days prior to harvest. Do not feed treated forage or graze treated fields. \*

**WARRANTY AND LIMITATION OF DAMAGES**  
Helena Chemical Company warrants that the material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use and Conditions of Sale, subject to the inherent risks referred to therein. Helena Chemical Company makes no other expressed or implied warranty, including any other expressed or implied warranty of FITNESS or MERCHANTABILITY, and no agent of Helena Chemical Company is authorized to do so except in writing with a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential commercial damages such as loss of profits or value, etc.

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Manufactured by  
**HELENA CHEMICAL COMPANY**  
Memphis, TN 38117

**ACCEPTED**

JUN 11 1984

Received from the pesticide  
company for use in the field  
the pesticide

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