**Defol® 750**
Defoliant/Desiccant with Fire Retardant

**ACTIVE INGREDIENT:**
- Sodium chlorate ........................................... 52.0%

**OTHER INGREDIENTS:**
- ...................................................... 48.0%

**TOTAL:** ............................................. 100.0%

This product contains 7.5 pounds of Sodium chlorate per gallon.

**KEEP OUT OF REACH OF CHILDREN**
**CAUTION**
See FIRST AID Below
SHAKE WELL BEFORE USING
[Optional: Recirculate Contents Before Use]

EPA Reg. No. 19713-486
EPA Est. No. 19713-TN-001
Net Content: 30 Gal.

**FIRST AID**

- **IF IN EYES:**
  - Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
  - Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
  - Call a poison control center or doctor for treatment advice.

- **IF SWALLOWED:**
  - Call a poison control center or doctor immediately for treatment advice.
  - Have person sip a glass of water if able to swallow.
  - Do not induce vomiting unless told to do so by a poison control center or doctor.
  - Do not give anything by mouth to an unconscious or convulsing person.

- **IF ON SKIN OR CLOTHING:**
  - Take off contaminated clothing.
  - Rinse skin immediately with plenty of water for 15 to 20 minutes.
  - Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical-resistant to this product are made of any waterproof material such as polyethylene or polyvinyl chloride. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

All mixers, loaders, applicators, and other handlers must wear:
- Long-sleeved shirt and long pants, shoes, and socks.
- Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

(Continued)
APPLICATION
DEFOL 750 may be applied by aircraft or ground equipment. It is essential that the foliage be thoroughly covered. The specified dilution rates should be carefully observed. A non-ionic surfactant such as Surf-Aid 830 or an emulsifiable crop oil such as Peptoil™ may enhance the results. This product should not be mixed with insecicides or other organic materials, unless specifically recommended, because a fire or explosion may result.

Precautions should be taken to avoid having spray or spray drift contact adjacent crops or desirable vegetation or they may be defoliated. Equipment should be washed before and after use and care should be taken so that product does not dry in tank or on spray nozzles. Wash water should not be allowed to contact desirable vegetation.

When using this product under dry land conditions, injury may occur to rotational crops.

SPRAY DRIFT MANAGEMENT
A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

Wind Speed
Do not apply at wind speeds greater than 15 mph.

Droplet Size
Apply as a medium or coarser spray (ASAE Standard 572).

Temperature Inversions
If applying at wind speeds less than 3 mph, the applicator must determine if: a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Other State and Local Requirements
Applicators must follow all state and local pesticide drift requirements regarding application of sodium chloride. Where states have more stringent regulations, they must be observed.

Equipment
All application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

Additional Requirements for Aerial Applications
1. The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.
2. Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety.
3. When applications are made with a crosswind, the swath must be displaced downwind. The applicator must compensate for this displacement at the up and downwind edge of the application area by adjusting the path of the aircraft upward.

Additional Requirement for Groundboom Application
Do not apply with a nozzle height greater than 4 feet above the crop canopy.

DEFOLIATION
Ideally, defoliation is favored on clear, calm, sunny days with high temperatures and high humidity. If rain is anticipated within 24 hours, application should be delayed whenever possible. Defoliation may be slowed when daytime temperatures are below about 60°F and with some crops, especially with vigorous varieties, regrowth can occur. In order to obtain acceptable defoliation results, the crop must be fully mature. In most cases, the signs of maturity include:
1. A slight discoloration of the foliage is apparent, often with a yellowish or reddish tinge.
2. Vegetative growth has slowed or ceased, with little or no secondary growth.
3. A slight downward pull on a leaf gives a clean break from the stalk.

Adequate fertility, ample soil moisture, good insect control and good weed control also favor defoliation. Plants which have been under stress as from drought or insect pressure give less reliable results because tough, wilted or damaged leaves do not permit the proper uptake of the chemical and tend to inhibit the formation of an abscission layer. Typically, under such circumstances, the leaves are desiccated but do not drop, which in turn, often causes problems with excessive trash during harvesting.

For crops where there is a heavy canopy of foliage, obtaining thorough coverage is sometimes difficult. Whenever practical, the use of ground equipment should be considered. The higher dilution rates should be used and any other available methods employed which will assure that the plants are completely covered all the way to the bottom leaves. If coverage is incomplete, a second application may be necessary in order to defoliate the lower leaves and to prevent secondary growth.

DESICATION
When the objective is to reduce crop moisture or to desiccate weeds prior to harvest, most of the points discussed under "DEFOLIATION" are applicable. Incomplete coverage will give erratic results, especially with vines such as Morningglory where the slender stems may be shielded from the spray by the crop canopy, leaving the vines succulent and tough so they will become entangled in the harvesting machinery. Once again, larger spray volume will encourage more complete coverage and more reliable desiccation.

CROPS

<table>
<thead>
<tr>
<th>Crop</th>
<th>Rate per Acre</th>
<th>Water</th>
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</thead>
<tbody>
<tr>
<td>Chili peppers</td>
<td>1.6 to 4 qts.</td>
<td>Air: 5 to 15 gals.  Ground: 20 to 40 gals.</td>
</tr>
<tr>
<td>Corn</td>
<td>3.2 qts.</td>
<td>Air: 5 to 7 gals.</td>
</tr>
<tr>
<td>Cotton</td>
<td>1.6 to 3.2 qts.</td>
<td>Air: 5 to 10 gals.  Ground: 10 to 20 gals.</td>
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<tr>
<td>Cucurbits (Grown for Seed)</td>
<td>3.2 qts.</td>
<td>Air: 5 to 10 gals.  Ground: 20 to 30 gals.</td>
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<tr>
<td>Dry beans</td>
<td>3.2 qts.</td>
<td>Air: 5 to 10 gals.  Ground: 10 to 20 gals.</td>
</tr>
<tr>
<td>Flax</td>
<td>3.2 qts.</td>
<td>Air: 5 gals. (minimum)  Ground: 10 gals. (minimum)</td>
</tr>
<tr>
<td>Grain sorghum</td>
<td>2.4 to 3.2 qts.</td>
<td>Air: 5 to 10 gals.  Ground: 10 to 20 gals.</td>
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</table>

(Specific Directions)
<table>
<thead>
<tr>
<th>Crop</th>
<th>Rate per Acre</th>
<th>Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guar beans</td>
<td>3.2 qts.</td>
<td>Air: 5 to 10 gals.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ground: 10 to 20 gals.</td>
</tr>
</tbody>
</table>

**SPECIFIC DIRECTIONS:** Use to facilitate harvest and reduce moisture in the fully mature seed heads. Make application 7 to 10 days before anticipated harvest date. Do NOT graze treated fields or feed treated fodder or forage to livestock.

| Potatoes        | 3.2 qts.      | Air: 5 to 10 gals. |
|                 |               | Ground: 10 to 20 gals. |

**SPECIFIC DIRECTIONS:** To defoliate plants and facilitate harvest, apply 10 days before harvest. Do NOT apply under conditions of extreme heat during the middle of the day.

| Rice            | 2.4 to 3.2 qts. | Air: 5 gals (minimum) |
|                 |                | Ground: 20 to 30 gals. |

**SPECIFIC DIRECTIONS:** Use to facilitate harvest and reduce moisture in the fully mature seed heads and to desiccate immature Red rice in mature White rice. Use the lower rate when crop conditions and weather are right to enhance rapid drying. Apply 7 to 10 days before anticipated harvest. To avoid drift, do not apply during windy weather. Thorough coverage of the crop is essential to achieve good results. Do NOT graze treated fields or feed treated straw or crop residues within 14 days of application.

| Safflower       | 3.2 qts.      | Air: 5 to 10 gals. |
|                 |               | Ground: 20 to 30 gals. |

**SPECIFIC DIRECTIONS:** Use to facilitate harvest and reduce moisture in the fully mature seed heads. Make application 7 or more days before normal harvest when Safflower heads are fully mature. Do NOT graze treated fields or feed treated forage.

| Southern peas  | 3.2 qts.      | Air: 5 to 10 gals. |
|                |               | Ground: 10 to 20 gals. |

**SPECIFIC DIRECTIONS:** Thorough coverage is essential. Make application 7 to 10 days before anticipated harvest, longer if temperatures are cool. Do NOT graze treated fields or feed treated fodder or forage to livestock.

| Soybeans       | 3.2 qts.      | Air: 5 gals. (minimum) |
|                |               | Ground: 20 gals. (minimum) |

**SPECIFIC DIRECTIONS:** Use as a harvest aid to dry weeds in early maturing Soybeans and to facilitate the harvest. Make application 7 to 10 days before anticipated harvest date when Beans are mature and ready for harvest. Do NOT graze treated fields or feed treated forage.

| Sunflowers     | 3.2 qts.      | Air: 5 to 10 gals. |
|                |               | Ground: 20 to 30 gals. |

**SPECIFIC DIRECTIONS:** Use to facilitate harvest and reduce moisture in fully mature seed heads. When applying by ground, apply with a high clearance sprayer. Make application 7 or more days before normal harvest when Sunflower heads are fully mature. Do NOT apply later than 7 days before harvest. Do NOT graze treated fields or feed treated forage within 14 days of application.

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**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage and disposal.

**PESTICIDE STORAGE:** 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. Do not stack plastic containers over 2 pallets high. Move containers by handles or cases. Do not move containers from one area to another unless they are securely sealed. Keep containers tightly sealed when not in use. Keep away from any puncture source. Avoid storage near water supplies, food, feed and fertilizer to avoid contamination. Store in original containers only. Unloading, storage and work areas must be as clean as possible to prevent contamination if spilled. If concentrate or spray solution is allowed to dry on flammable objects, the chlorate component can act as an oxidizer. If the contents are leaking or material is spilled, follow these steps:

1. Contain spill. Absorb with a material such as sawdust, clay granules or dirt.
2. Collect and place in suitable containers for disposal.
3. Wash area with soap and water to remove remaining pesticide.
4. Follow washing with clean water rinse.
5. Clothing contaminated with chlorate solution must be removed at once before solution dries. Dried contaminated clothes can be ignited easily. Wash contaminated clothing immediately.
6. Do not allow runoff to enter sewer or contaminate water supplies.
7. Dispose of waste as indicated below:

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:**

**Nonrefillable Container (rigid material; less than 5 gallons):** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container one-fourth full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**Nonrefillable Container (rigid material; 5 gallons or greater):** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill container one-fourth full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**Refillable Containers:** Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.
WARANTY—CONDITIONS OF SALE

OUR DIRECTIONS 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 directed and other influencing factors in the use of this product are beyond the control of the Seller. To the extent consistent with applicable law, Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.

To the extent consistent with applicable law, in no case shall the Manufacturer 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 the Seller and is accepted as such by the Buyer.

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