

PM-25

Reg # 10182-372

1915

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 05-31-98



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number
249780

Application for Pesticide - Section I

1. Company/Product Number 10182-372	2. EPA Product Manager Robert J. Taylor	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Starfire Concentrate (Alternate Brand Name for Cyclone Concentrate)	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) Zeneca Agricultural Products P.O. Box 15458 Wilmington, DE 19850-5458 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Revised Personal Protective Equipment.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
* Certification must be submitted	If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container	5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product		
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Nancy Bockrath	Title Regulatory Assistant	Telephone No. (Include Area Code) 302-886-1066
2. Signature <i>Nancy Bockrath</i>		6. Date Application Received (Stamped)
3. Title Regulatory Assistant		
4. Typed Name Nancy Bockrath		
5. Date January 17, 1996		

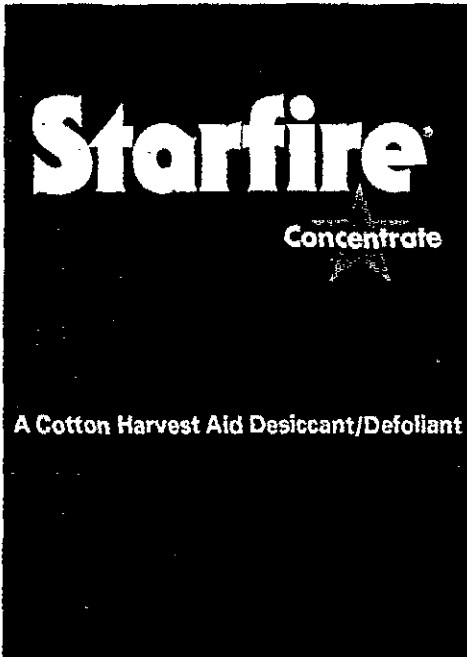
2915

RESTRICTED USE PESTICIDE

Due to Acute Toxicity

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

ZENECA Ag Products



COMPLETE DIRECTIONS FOR USE

129502
04003510

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of ZENECA or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold ZENECA and Seller harmless for any claims relating to such factors.

ZENECA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or ZENECA, and Buyer and User assume the risk of any such use. ZENECA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall ZENECA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ZENECA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ZENECA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

ZENECA and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of ZENECA.

©1995 ZENECA Inc.

CONTENTS

	Page
STATEMENT OF PRACTICAL TREATMENT	3
PRECAUTIONARY STATEMENTS	5
Hazards to Humans and Domestic Animals.....	5
Environmental Hazards	6
DIRECTIONS FOR USE	7
Agricultural Use Requirements	8
Storage & Disposal.....	9
General Information	11
Rainfastness	11
Application	12
Use of a Nonionic Surfactant.....	12
Nozzle Selection.....	13
Spray Carrier.....	14
Rates of STARFIRE CONCENTRATE	14
Spray Volume.....	14
Drift Minimization	14
Environmental Conditions	15
Tank Mixing.....	15
Limitations, Precautions, and Warnings	16
CROPS	
Cotton Harvest Aid	17
Conversion Table	21

3915

KEEP OUT OF REACH OF CHILDREN

DANGER  POISON

PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

ONE SWALLOW CAN KILL!

SYMPTOMS ARE PROLONGED AND PAINFUL. ONSET OF SYMPTOMS MAY BE DELAYED FOR UP TO 3 DAYS AFTER SWALLOWING.

- DO NOT USE OR STORE IN OR AROUND THE HOME.
- DO NOT REMOVE CONTENTS EXCEPT FOR IMMEDIATE USE.
- NEVER PUT INTO FOOD, DRINK OR OTHER CONTAINERS.

ACTIVE INGREDIENT:

Paraquat dichloride (1,1'-dimethyl-4,4'-bipyridinium dichloride)	43.5%
INERT INGREDIENTS:	56.5%
Total	100.0%

Contains 3.0 lbs. paraquat cation per gallon. Contains stench (odor) and emetic.

EPA Reg. No. 10182-372

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: IMMEDIATELY induce vomiting by touching back of throat with finger. Administer fluids and induce further vomiting. Do not induce vomiting or give anything by mouth to an unconscious person. GET TO A HOSPITAL OR PHYSICIAN FAST. PROMPT TREATMENT IS ESSENTIAL AND MUST BE INITIATED BEFORE SIGNS AND SYMPTOMS APPEAR.

NOTE TO PHYSICIANS: CALL ZENECA MEDICAL EMERGENCY INFORMATION NETWORK 1-800-327-8633 (Dial 1-800-F-A-S-T-M-E-D) at any hour to obtain toxicology and medical management consultation, a supply of bentonite clay, and paraquat analysis. Symptoms following ingestion may be delayed up to 3 days. To be effective, treatment for paraquat poisoning must begin IMMEDIATELY. Treatment consists of binding paraquat in the gut with suspensions of bentonite clay or charcoal and removal of paraquat from the blood by prolonged charcoal hemoperfusion or continuous hemodialysis.

IF ON SKIN: IMMEDIATELY wash with soap and water. Prolonged contact will cause severe irritation. Contact with irritated skin or a cut or repeated contact with intact skin may result in poisoning. GET MEDICAL ATTENTION.

IF IN EYES: IMMEDIATELY wash eyes with water for at least 15 minutes and get medical attention. Contact may cause eye injury. CALL A PHYSICIAN.

IF INHALED: IMMEDIATELY remove victim to fresh air or get away from spray mist. Exposure may cause irritation, nose bleeds and may lead to poisoning. Stop and check spray procedure. The odor of this product is from the stenching agent which has been added, not from paraquat.

Read and follow PRECAUTIONARY STATEMENTS.

FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F-A-S-T-M-E-D (327-8633).

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER  POISON

FATAL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES IRREVERSIBLE EYE DAMAGE. CAUSES SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION.

DO NOT get in eyes, on skin, or on clothing. DO NOT breathe spray mist. WASH SPLASHES from skin and eyes immediately.

Personal Protective Equipment

Applicators and other handlers (other than Mixers and Loaders) must wear:

- Coveralls OR long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure
- Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

51
6
H

Mixers and Loaders (pouring, loading and mixing concentrate, cleaning equipment or when exposure to concentrate is possible) must wear:

- Coveralls over long-sleeved shirt and long pants
- Waterproof gloves
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when cleaning equipment, mixing, or loading
- Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

WILDLIFE: This product is toxic to wildlife. Birds and other wildlife in treated areas may be killed. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

DRIFT: STARFIRE® CONCENTRATE herbicide is a contact herbicide that kills all green plant tissue. Do not apply under conditions involving possible drift to food, forage, or other plantings that might be damaged or the crops thereof rendered unfit for sale, use, or consumption. Do not apply when weather conditions favor drift from areas treated. For aerial applicators use, do not apply during periods of thermal inversion to avoid drift. Refer to the local state laws, regulations, and guidelines for proper application to avoid off-target movement.

CHEMICAL HAZARD: This product reacts with aluminum to produce hydrogen gas which may form a highly combustible gas mixture. Such gas could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette, or other ignition source. Do not mix or store in containers, spray tanks, nurse tanks, or such systems made of aluminum or having aluminum fittings. After dilution with water to spray concentrations, spray systems made of, or containing aluminum parts, may be used but should not be used for extended (overnight) storage.

EQUIPMENT/CONTAINER: Flush all spray equipment with water after use each day. STARFIRE CONCENTRATE is corrosive to aluminum. Aluminum spray equipment and aluminum aircraft structures that are exposed to spray solution or spray drift should be flushed thoroughly with water immediately after use.

DIRECTIONS FOR USE

It is a violation of Federal law and may endanger the applicator or third parties to use this product without complying with all label directions and warnings.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

5965

8

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Harvest Aid and Desiccation Applications: Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls over long-sleeved shirt and long pants
- Waterproof gloves
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

STORAGE AND DISPOSAL

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

STORAGE: Store at temperatures above 32°F. Do not contaminate feed, foodstuffs or drinking water. Do not store next to feed or food, or transport in or on vehicles containing foodstuffs or feeds. For help with any spill, leak, fire or exposure involving this material, call CHEMTREC 1-800-424-9300.

PESTICIDE DISPOSAL: This product is acutely hazardous. 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). Do not reuse container. Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or dispose of by other procedures allowed by state and local authorities.

CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER!

STORAGE AND DISPOSAL (cont'd)

FOR BULK/MINI-BULK AND E-Z HANDLER® CONTAINERS:

CONTAINER DISPOSAL: Reseal container and offer for reconditioning, or triple rinse (or equivalent) and offer for recycling or reconditioning, or clean in accordance with manufacturer's instructions.

CONTAINER PRECAUTIONS: Before refilling, inspect thoroughly for damage, such as cracks, punctures, bulges, dents, abrasions and damaged or worn threads on closure devices.

REFILL ONLY WITH STARFIRE CONCENTRATE HERBICIDE. The contents of this container cannot be completely removed by cleaning. Refilling with materials other than STARFIRE CONCENTRATE will result in contamination and may weaken container.

After filling and before transporting, check for leaks.

Do not refill or transport damaged or leaking container.

CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER!

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH DANGER STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS. READ STATEMENT OF PRACTICAL TREATMENT AND PRECAUTIONARY STATEMENTS ON PAGES 3-7.

NOTE: DO NOT USE AROUND HOME GARDENS, SCHOOLS, RECREATIONAL PARKS, GOLF COURSES, OR PLAYGROUNDS.

DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.

69 15
68

IMPORTANT: The effect of swallowing STARFIRE CONCENTRATE is far more severe than that which usually results from skin contact or inhalation of spray mist. This product should not cause injury if used according to label instructions. Follow the label as if your life depends on it.

GENERAL INFORMATION

STARFIRE CONCENTRATE is a contact herbicide used as a crop desiccant/defoliant at harvest.

STARFIRE CONCENTRATE is formulated as a liquid which contains 3 lbs. of active ingredient per gallon. The formulation contains a non-toxic odor, and an emetic (an agent which will induce vomiting if the product is swallowed). The odor is included in the formulation to help prevent accidental ingestion of STARFIRE CONCENTRATE.

STARFIRE CONCENTRATE is rapidly absorbed by green plant tissue and interacts with the photosynthetic process to produce superoxides which destroy the plant cells. STARFIRE CONCENTRATE requires actively growing green plant tissue to function. Thorough coverage of all green foliage is essential for effective crop desiccation/defoliation.

Clay and organic matter rapidly tie up STARFIRE CONCENTRATE. As a result, STARFIRE CONCENTRATE has no residual soil activity to affect later-planted crops or later germinating weeds.

RAINFASTNESS

Because STARFIRE CONCENTRATE is rapidly absorbed by the foliage, rain occurring 30 minutes or more after application will have no effect on the activity of STARFIRE CONCENTRATE.

APPLICATION

Since STARFIRE CONCENTRATE is a contact-type herbicide, it is essential to obtain complete coverage for good crop desiccation/defoliation. Improper application technique will usually result in unacceptable crop desiccation/defoliation. See details below for specific application instructions.

USE OF A NONIONIC SURFACTANT

ALWAYS ADD nonionic surfactant containing 75% or more surface-active agent at 0.125% v/v (1 pint per 100 gallons) **OR** add a nonionic surfactant containing 50-74% surface-active agent at 0.25% v/v (2 pints per 100 gallons) of the finished spray volume for ground applications. For aerial applications, add a nonionic surfactant at 0.25% v/v (2 pints per 100 gallons) of the finished spray volume.

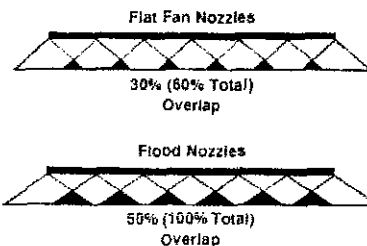
FAILURE TO USE A NONIONIC SURFACTANT AT RECOMMENDED RATES WILL RESULT IN REDUCED PERFORMANCE OF STARFIRE CONCENTRATE.

NOZZLE SELECTION

The use of flat-fan nozzles will result in the most effective application of STARFIRE CONCENTRATE. Flood nozzles are generally not as good as flat fans since they produce large uneven droplets. The use of flood nozzles may result in reduced weed control due to inadequate coverage.

WHEN SPRAYING LESS THAN 20 GALLONS OF SPRAY CARRIER PER ACRE, USE ONLY FLAT FAN NOZZLES AS RECOMMENDED IN THE CHART BELOW.

	RECOMMENDED NOZZLES, PRESSURES AND SETUP	
	Nozzle Type	
	Flat Fan	Flood
Maximum Size	8	15
Spray Pressure (at nozzle)	30-50 P.S.I.	30-50 P.S.I.
Maximum Nozzle Spacing	30"	40"
Direction of Spray Pattern	Down	Down
Maximum Speed	10 mph	10 mph
Spray Overlap (at each edge)	30%	50%



Using nozzles, pressures, or setups different from the above chart will result in reduced control.

SPRAY CARRIER

Always use clean water (free of mud or clay) when spraying STARFIRE CONCENTRATE. Muddy water can inactivate STARFIRE CONCENTRATE.

RATES OF STARFIRE CONCENTRATE HERBICIDE

Follow recommended rates listed with each use of STARFIRE CONCENTRATE. Use the higher label rates for harvest aid when crop vegetation is dense.

SPRAY VOLUME

Follow recommended minimum spray volumes listed with each use of STARFIRE CONCENTRATE. These are **minimum** volumes only, and spray volumes should be increased as necessary to obtain complete coverage of the target plant without runoff from the foliage.

DRIFT MINIMIZATION

DO NOT spray if conditions of thermal inversion exist, or if wind direction and speed may cause spray drift onto adjacent areas. With both aerial and ground applications, the use of a drift control or spray deposition additive (in accordance with label directions) may reduce the potential for drift to occur. **Drift minimization is the responsibility of the applicator.** Refer to the local state laws, regulations, and guidelines for proper application to avoid off-target movement.

When STARFIRE CONCENTRATE is applied at less than 10 gallons per acre finished spray volume, a drift control or spray deposition additive **SHOULD** be used. Refer to the additive label for use directions.

ENVIRONMENTAL CONDITIONS

STARFIRE CONCENTRATE is active over a wide range of environmental conditions. Cool weather (below 55°) will slow the activity of STARFIRE CONCENTRATE, as will cloudy, overcast weather, but will not affect performance. In dry areas, dust stirred up by high winds or equipment tires can coat plant leaves and reduce STARFIRE CONCENTRATE activity. Avoid applying STARFIRE CONCENTRATE in extremely dusty conditions.

TANK MIXING

In general, STARFIRE CONCENTRATE tank mixes with other products should be mixed as follows:

1. Fill spray tank $\frac{1}{2}$ full with clean water or other approved carriers such as clear liquid fertilizer.
2. Begin tank agitation and continue throughout mixing and spraying.
3. Add dry formulations (WP, DF, etc.) to tank.
4. Add liquid formulations (SC, EC, L, etc.) to tank.
5. Add STARFIRE CONCENTRATE to tank.
6. Add nonionic surfactant to tank.
7. Fill remainder of spray tank.

Always refer to labels of other pesticide products for mixing directions and precautions which may differ from those outlined here.

Since many of the herbicides listed on this label are available in several types of formulations, it is advisable to perform a jar test to check physical compatibility.

LIMITATIONS, PRECAUTIONS AND WARNINGS

- **DO NOT** use around home gardens, schools, recreational parks, or playgrounds.
- **PRODUCT PERFORMANCE CONCERNS:** Concerns with the performance of STARFIRE CONCENTRATE herbicide must be reported to the retail dealer or to a ZENECA representative within 14 days of application.

SPECIFIC USE RECOMMENDATIONS

The following tables indicate use patterns, rates, minimum spray volumes, preharvest intervals and other precautions, restrictions and comments. Read and follow directions carefully.

Crop	Use Pattern	STARFIRE CONCENTRATE Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions, and Comments
Harvest aid desiccation of stripper cotton or spindle harvested cotton late season	Broadcast	0.7-1.3 pts	Ground: 10 gal Air: 5 gal	3	<ul style="list-style-type: none"> IT IS ADVISABLE, BECAUSE OF EXTREMES IN ENVIRONMENTAL AND PLANT CONDITIONS, TO APPLY THE RANGE OF RATES ON A SMALL BLOCK TO DETERMINE THE RATE THAT BEST FITS YOUR NEEDS. May be applied as a split application. Do not make more than 2 applications or exceed a total of 1.3 pts/acre. Apply when 85% of the bolls are open and the remaining bolls to be harvested are mature. Development of immature bolls will be inhibited. Slice bolls and inspect the seed for maturity. Follow Harvest Aid Use Precautions listed on page 17

19

Crop	Use Pattern	STARFIRE CONCENTRATE Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions, and Comments
Harvest aid for boll opening and defoliation of Western cotton (AZ and CA). Tankmix with phosphate or chlorate defoliant	Broadcast Split Application	First Application 3.7-5.4 fl oz plus 1-3 pts phosphate or 1-2 gal chlorate	Ground: 10 gal Air: 5 gal	7	<ul style="list-style-type: none"> Use higher rate of STARFIRE CONCENTRATE on rank cotton. Do not use more than 5.4 fl oz of STARFIRE CONCENTRATE at first application as excessive desiccation may occur. Apply when 60% or more of the bolls are open and the remaining bolls to be harvested are mature. Development of immature bolls will be inhibited. Do not use more than 4.0 lbs of actual sodium chlorate or 2.28 lbs of actual phosphate type defoliant per acre. Follow Harvest Aid Use Precautions listed on page 17.
		Second Application 5.4-10.7 fl oz alone or tank mixed with 1 1/2-2 gal chlorate, or 1 1/2-2 pts phosphate		3 (Alone) or 7 (Tankmix)	

18

SPECIFIC USE RECOMMENDATIONS

17

Crop	Use Pattern	STARFIRE CONCENTRATE Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions, and Comments
Cotton	Harvest Aid				<p><u>Harvest Aid Use Precautions</u></p> <ul style="list-style-type: none"> Do not pasture livestock in treated fields or feed treated foliage. Do not apply to cotton within 3 days before harvest. Repeat application if necessary. Do not make more than 2 applications or exceed a total of 1.3 pts. When combined with phosphate defoliant, observe livestock cautions listed on the phosphate label. Do not harvest within 7 days of application when used with phosphate or chlorate defoliant.

51 806

Description of Crop	Use Pattern	STARFIRE CONCENTRATE Rate Per Acre	Minimum Total Spray Per Acre 10 gal 5 gal	Staking or Preharvest Interval (Days)	Precautions, Restrictions, and Comments: • Use to suppress weeds during crop establishment or weeding. • Preharvest interval to control, tolerate, or avoid coverage. • Control is dependent upon growing conditions and development of small new growth; may not always be complete. • Use higher rate if growth is excessive. • Follow Harvest and Use Precautions listed on page 12.
	Broadcast				

CONVERSION TABLE STARFIRE CONCENTRATE TO BE APPLIED		
FL OZ/AC	PTS/AC	LB AI/AC
3.7	0.2	0.087
5.4	0.3	0.13
10.7	0.7	0.25
21.3	1.3	0.5

STARFIRE® and EZ-HANDLER® are trademarks of a ZENECA Group Company.

Made in U.S.A.

ZENECA Ag Products

ZENECA Inc.
Wilmington, Delaware 19850-5458

129502
04003510

10
51
67

For retail sale, to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

RESTRICTED USE PESTICIDE
Due to Acute Toxicity

Starfire

Concentrate

A Cotton Harvest Aid Desiccant/Defoliant

RESTRICTED USE PESTICIDE

Starfire is a desiccant/defoliant for cotton. It is used to speed up the ripening of cotton bolls and to defoliate cotton plants. It is also used to speed up the ripening of cotton bolls and to defoliate cotton plants. It is also used to speed up the ripening of cotton bolls and to defoliate cotton plants.

KEEP OUT OF REACH OF CHILDREN
DANGER - POISON

PELIGRO
PELIGRO - POISON

SYMPTOMS ARE PROLONGED AND PAINFUL. ONSET OF SYMPTOMS MAY BE DELAYED FOR UP TO 3 DAYS AFTER SWALLOWING.

DO NOT USE FOR STIRLING IN ANY MANNER THE BOTTLE.
DO NOT USE FOR STIRLING IN ANY MANNER THE BOTTLE.

STATEMENT OF PRACTICAL TREATMENT

PRECAUTIONARY STATEMENTS

DANGER - POISON

PRECAUTIONARY STATEMENTS

DANGER - POISON

PRECAUTIONARY STATEMENTS

DANGER - POISON

PRECAUTIONARY STATEMENTS

DANGER - POISON

PRECAUTIONARY STATEMENTS

DANGER - POISON

PRECAUTIONARY STATEMENTS

DANGER - POISON

PRECAUTIONARY STATEMENTS

DANGER - POISON

PRECAUTIONARY STATEMENTS

DANGER - POISON

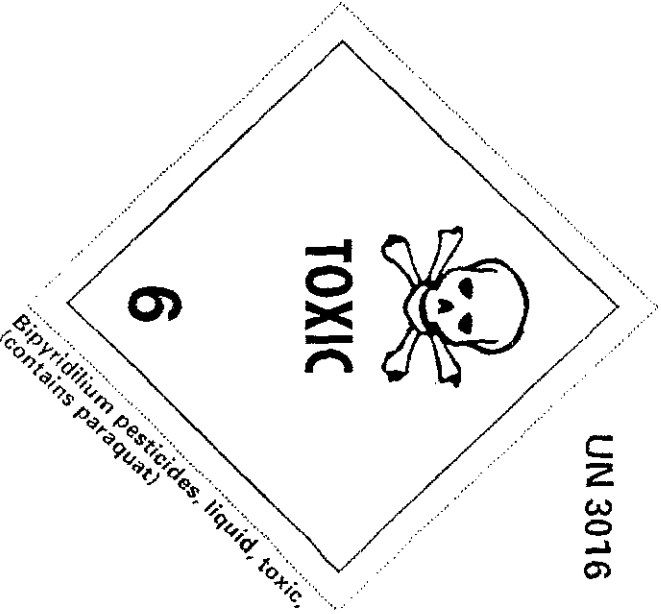
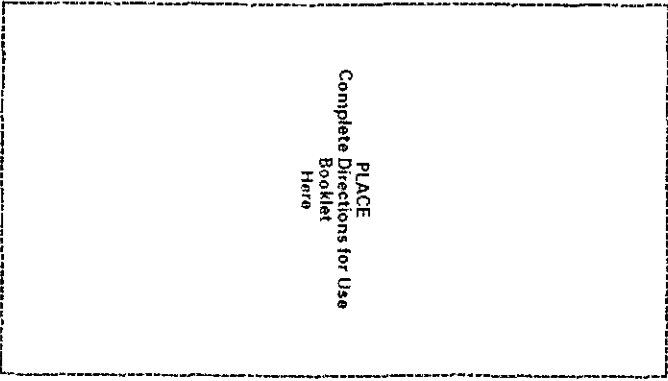
PRECAUTIONARY STATEMENTS

DANGER - POISON

IMPORTANT
See attached booklet for Use Precautions, Directions for Use and Recommendations. Read all label directions before using.



PLACE
Complete Directions for Use
Booklet
Here



UN 3016

Contents: 110 gal (416 L)

ZENECA Ag Products

ZENECA, Inc.
Wilmington, Delaware 19850-5888

430522
430525

11 9/15

RESTRICTED USE PESTICIDE Due to Acute Toxicity

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses



A Cotton Harvest Aid Desiccant/Defoli

ACTIVE INGREDIENT:		
Paraquat dichloride (1,1-dimethyl-4,4-bipyridinium dichloride)	43.5%	
INERT INGREDIENTS:	56.5%	
Total	100.0%	

Contains 3.0 lbs. paraquat cation per gallon.
Contains stentch (odor) and emetic.

EPA Reg. No. 10182-372
EPA Est. No. 10182-TX-1

KEEP OUT OF REACH OF CHILDREN DANGER POISON PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

ONE SWALLOW CAN KILL!

SYMPTOMS ARE PROLONGED AND PAINFUL. ONSET OF SYMPTOMS MAY BE DELAYED FOR UP TO 3 DAYS AFTER SWALLOWING.

- DO NOT USE OR STORE IN OR AROUND THE HOME.
- DO NOT REMOVE CONTENTS EXCEPT FOR IMMEDIATE USE.
- NEVER PUT INTO FOOD, DRINK OR OTHER CONTAINERS.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: IMMEDIATELY induce vomiting by touching back of throat with finger. Administer fluids and induce further vomiting. Do not induce vomiting or give anything by mouth to an unconscious person. GET TO A HOSPITAL OR PHYSICIAN FAST. PROMPT TREATMENT IS ESSENTIAL AND MUST BE INITIATED BEFORE SIGNS AND SYMPTOMS APPEAR.

NOTE TO PHYSICIANS: CALL ZENEGA MEDICAL EMERGENCY INFORMATION NETWORK 1-800-327-8632 (Dial 1-800-F-A-S-T-AID E-D) at any hour to obtain toxicology and medical management consultation, a supply of bentonite clay, and paraquat analysis. Symptoms following ingestion may be delayed up to 3 days. To be effective, treatment for paraquat poisoning must begin IMMEDIATELY. Treatment consists of binding paraquat in the gut with suspensions of bentonite clay or charcoal and removal of paraquat from the blood by prolonged charcoal hemoperfusion or continuous hemodialysis.

IF ON SKIN: IMMEDIATELY wash with soap and water. Prolonged contact will cause severe irritation. Contact with irritated skin or a cut or repeated contact with intact skin may result in poisoning. GET MEDICAL ATTENTION.

IF IN EYES: IMMEDIATELY wash eyes with water for at least 15 minutes and get medical attention. Contact may cause eye injury. CALL A PHYSICIAN.

IF INHALED: IMMEDIATELY remove victim to fresh air or get away from spray mist. Exposure may cause irritation, nose bleeds, and may lead to poisoning. Stop and check spray procedure. The odor of this product is from the starching agent which has been added, not from paraquat.

Read and follow PRECAUTIONARY STATEMENTS.

FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F-A-S-T-AID (327-8632).
FOR CHEMICAL EMERGENCY Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER POISON

FATAL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES IRREVERSIBLE EYE DAMAGE. CAUSES SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION.

DO NOT get in eyes, on skin, or on clothing. DO NOT breathe spray mist. WASH SPLASHES from skin and eyes immediately.

Personal Protective Equipment

Applicators and other handlers (other than Mixers and Loaders) must wear:

- Coveralls OR long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

- Chemical resistant headgear for overhead exposure
- Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

Mixers and Loaders (puzzing, loading and mixing concentrate, cleaning equipment or when exposure to concentrate is possible) must wear:

- Coveralls over long-sleeved shirt and long pants
- Waterproof gloves
- Chemical resistant footwear plus socks
- Protective eyewear

- Chemical resistant headgear for overhead exposure
- Chemical resistant apron when cleaning equipment, mixing, or loading
- Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/washing PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Work or Protection Standard (WPS) for agricultural pesticides [40 CFR 170.243(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations
Users should:
• Wash hands: before eating, drinking, chewing gum, using tobacco or using the toilet.
• Remove clothing immediately if pesticide gets inside. Then wash thoroughly, and put on clean clothing.
• Remove PPE immediately after handling the product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

WILDLIFE: This product is toxic to wildlife. Birds and other wildlife in treated areas may be killed. Do not apply directly to water or to areas where surface water is present or to marginal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

DRIFT: STARFIRE® CONCENTRATE herbicide is a contact herbicide that kills all green plant tissue. Do not apply under conditions involving possible drift to food, forage, or other plants that might be damaged or the crops thereof rendered unfit for sale, use, or consumption. Do not apply when weather conditions favor drift from areas treated. For aerial applicators use, do not apply during periods of thermal inversion to avoid drift. Refer to the local state laws, regulations, and guidelines for proper application to avoid off-target movement.

CHEMICAL HAZARD: This product reacts with aluminum to produce hydrogen gas, which may form a highly combustible gas mixture. Such gas could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette, or other ignition source. Do not mix or store in containers, spray tanks, nurse tanks, or such systems made of aluminum or having aluminum fittings. After dilution with water to spray concentrations, spray systems made of, or containing aluminum parts, may be used but should not be used for extended (overnight) storage.

EQUIPMENT/CONTAINER: Flush all spray equipment with water after use each day. STARFIRE CONCENTRATE is corrosive to aluminum. Aluminum spray equipment and aluminum aircraft structures that are exposed to spray solution or spray drift should be flushed thoroughly with water immediately after use.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of ZENEGA or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold ZENEGA and Seller harmless for any claims relating to such factors.

ZENEGA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or ZENEGA, and Buyer and User assume the risk of any such use. ZENEGA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall ZENEGA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ZENEGA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHER WISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ZENEGA OR SELLER, THE REPLACEMENT OF THE PRODUCT.

ZENEGA and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of ZENEGA.

DIRECTIONS FOR USE

It is a violation of Federal law and may endanger the applicator or third parties to use this product without complying with all label directions and warnings.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170.

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH DANGER STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS. READ STATEMENT OF PRACTICAL TREATMENT AND PRECAUTIONARY STATEMENTS ON PAGES 2-5.

NOTE. DO NOT USE AROUND HOME GARDENS, SCHOOLS, RECREATIONAL PARKS, GOLF COURSES, OR PLAYGROUNDS.

DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.

IMPORTANT: The effect of swallowing STARFIRE CONCENTRATE is far more severe than that which usually results from skin contact or inhalation of spray mist. This product should not cause injury if used according to label instructions. Follow the label as if your life depends on it.

REFER TO ATTACHED BOOKLET FOR USE DIRECTIONS.

STORAGE AND DISPOSAL

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

STORAGE: Store at temperatures above 32°F. Do not contaminate feed, foodstuffs or drinking water. Do not store next to feed or food, or transport in or on vehicles containing foodstuffs or feeds. For help with any spill, leak, fire or exposure involving this material, call CHEMTREC 1-800-424-9300.

PESTICIDE DISPOSAL: This product is acutely hazardous. Improper disposal of excess pesticide, spray mix, barge, or mixture 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: Recycle container and offer for reconditioning, or triple rinse (or equivalent) and offer for recycling or reconditioning, or clean in accordance with manufacturer's instructions.

CONTAINER PRECAUTIONS: Before refilling, inspect thoroughly for damage, such as cracks, punctures, bulges, dents, abrasions and damaged or worn threads on closure devices.

REFILL ONLY WITH STARFIRE CONCENTRATE HERBICIDE. The contents of the container cannot be completely removed by cleaning. Refilling with materials other than STARFIRE CONCENTRATE will result in contamination and may weaken container.

After filling and before transporting, check for leaks.

Do not refill or transport damaged or leaking container.

CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER!

STARFIRE® is a trademark of a ZENEGA Group Company.
©1995 ZENEGA Inc.

12 9 15
8

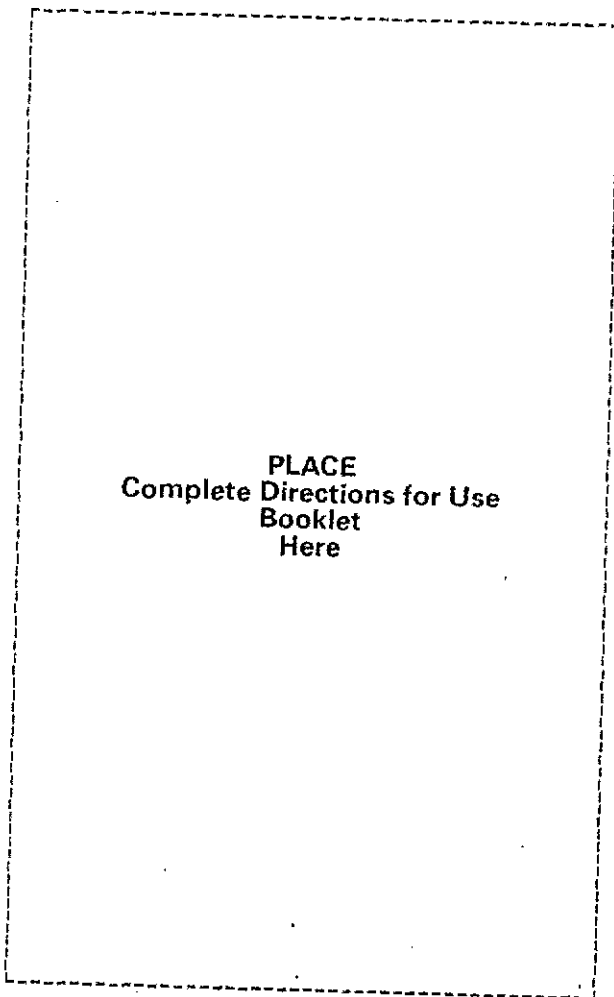
as covered by the Certified Applicator's certification.



liant

IMPORTANT

See attached booklet for Use Precautions,
Directions for Use and Recommendations.
Read all label directions before using.



**PLACE
Complete Directions for Use
Booklet
Here**

Contents: 110 gal (416 L)

Made in U.S.A.

ZENECA Ag Products

ZENECA Inc.
Wilmington, Delaware 19850-5458

129502
04003509

For retail sale to and use only by Certified Applicators of Pesticides under their direct supervision and only for those uses covered by the Certified Applicator's certification.

RESTRICTED USE PESTICIDE
Due to Acute Toxicity



A Cotton Harvest Aid Desiccant/Defoliant

IMPORTANT
See attached booklet for Use Precautions,
Directions for Use and Recommendations.
Read all label directions before using.



KEEP OUT OF REACH OF CHILDREN
DANGER - POISON

PELUSRO

Superior performance, superior safety by combining the best of both worlds - a potent herbicide and a defoliant. Superior performance, superior safety by combining the best of both worlds - a potent herbicide and a defoliant. Superior performance, superior safety by combining the best of both worlds - a potent herbicide and a defoliant.

STATEMENT OF PRACTICAL TREATMENT

PELUSRO is a restricted use pesticide. It is a herbicide and defoliant. It is used to control weeds and defoliate cotton plants. It is used to control weeds and defoliate cotton plants. It is used to control weeds and defoliate cotton plants.

PRECAUTIONARY STATEMENTS

PELUSRO is a restricted use pesticide. It is a herbicide and defoliant. It is used to control weeds and defoliate cotton plants. It is used to control weeds and defoliate cotton plants. It is used to control weeds and defoliate cotton plants.

DANGER - POISON

PELUSRO is a restricted use pesticide. It is a herbicide and defoliant. It is used to control weeds and defoliate cotton plants. It is used to control weeds and defoliate cotton plants. It is used to control weeds and defoliate cotton plants.

PELUSRO is a restricted use pesticide. It is a herbicide and defoliant. It is used to control weeds and defoliate cotton plants. It is used to control weeds and defoliate cotton plants. It is used to control weeds and defoliate cotton plants.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

PELUSRO is a restricted use pesticide. It is a herbicide and defoliant. It is used to control weeds and defoliate cotton plants. It is used to control weeds and defoliate cotton plants. It is used to control weeds and defoliate cotton plants.

DIRECTIONS FOR USE

PELUSRO is a restricted use pesticide. It is a herbicide and defoliant. It is used to control weeds and defoliate cotton plants. It is used to control weeds and defoliate cotton plants. It is used to control weeds and defoliate cotton plants.

ADDITIONAL USE REQUIREMENTS

PELUSRO is a restricted use pesticide. It is a herbicide and defoliant. It is used to control weeds and defoliate cotton plants. It is used to control weeds and defoliate cotton plants. It is used to control weeds and defoliate cotton plants.

STORAGE AND DISPOSAL

PELUSRO is a restricted use pesticide. It is a herbicide and defoliant. It is used to control weeds and defoliate cotton plants. It is used to control weeds and defoliate cotton plants. It is used to control weeds and defoliate cotton plants.

PLACE
Complete Directions for Use
Booklet
Here

Contents:

ZENECA Ag Products

ZENECA Inc.
Knoxington, Delaware 19860-5438

139662
R40003098

RESTRICTED USE PESTICIDE

Due to Acute Toxicity

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses

Starfire

Concentrate

A Cotton Harvest Aid Desiccant/Defoliant

ACTIVE INGREDIENT:	
Paraquat dichloride (1,1-dimethyl-4,4-bispyridinium dichloride)	43.5%
INERT INGREDIENTS:	56.5%
Total:	100.0%

Contains 3.0 lbs. paraquat cation per gallon.
 Contains stomach irritant and emetic.
 EPA Reg. No. 10182-327

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN

DANGER POISON PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

ONE SWALLOW CAN KILL!

SYMPTOMS ARE PROLONGED AND PAINFUL. ONSET OF SYMPTOMS MAY BE DELAYED FOR UP TO 3 DAYS AFTER SWALLOWING.

- DO NOT USE OR STORE IN OR AROUND THE HOME.
- DO NOT REMOVE CONTENTS EXCEPT FOR IMMEDIATE USE.
- NEVER PUT INTO FOOD, DRINK OR OTHER CONTAINERS.

STATEMENT OF PRACTICAL TREATMENT

If SWALLOWED: IMMEDIATELY induce vomiting by touching back of throat with finger. Administer fluids and induce further vomiting. Do not induce vomiting or give anything by mouth to an unconscious person. GET TO A HOSPITAL OR PHYSICIAN FAST. PROMPT TREATMENT IS ESSENTIAL AND MUST BE INITIATED BEFORE SIGNS AND SYMPTOMS APPEAR.

NOTE TO PHYSICIANS: CALL ZENCA MEDICAL EMERGENCY INFORMATION NETWORK 1-800-327-4633 (Dial 1-800 F-A-S-T M-E-D) at any hour to obtain toxicology and medical management consultation, a supply of bentonite clay, and paraquat analysis. Symptoms following ingestion may be delayed up to 3 days. To be effective, treatment for paraquat poisoning must begin IMMEDIATELY. Treatment consists of binding paraquat in the gut with suspensions of bentonite clay or charcoal and removal of paraquat from the blood by prolonged charcoal hemoperfusion or continuous hemodialysis.

If ON SKIN: IMMEDIATELY wash with soap and water. Prolonged contact will cause severe irritation. Contact with irritated skin or a cut or repeated contact with intact skin may result in poisoning. GET MEDICAL ATTENTION.

If IN EYES: IMMEDIATELY wash eyes with water for at least 15 minutes and get medical attention. Contact may cause eye injury. CALL A PHYSICIAN.

If INHALED: IMMEDIATELY remove victim to fresh air or get away from spray mist. Exposure may cause irritation, nose bleeds and may lead to poisoning. Stop and check spray procedure. The odor of the product is from the stanching agent which has been added, not from paraquat.

Read and follow PRECAUTIONARY STATEMENTS.

**FOR 24 HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F-A-S-T M-E-D (327-4633).
FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.**

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER POISON

FATAL IF SWALLOWED. INHALED OR ABSORBED THROUGH SKIN. CAUSES IRREVERSIBLE EYE DAMAGE. CAUSES SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION.

DO NOT get in eyes, on skin, or on clothing. DO NOT breathe spray mist. WASH SPLASHES from skin and eyes immediately.

Personal Protective Equipment

Applicators and other handlers (other than Mixers and Loaders) must wear:

- Coveralls OR long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

• Chemical-resistant headgear for overhead exposure

• Dust/mist filtering respirator (MSHA/NIOSH approval number: prefix TC-21C)

Mixers and Loaders (pouring, loading and mixing concentrate, cleaning equipment or when exposure to concentrate is possible) must wear:

- Coveralls over long-sleeved shirt and long pants
- Waterproof gloves
- Chemical-resistant footwear plus socks
- Protective eyewear

• Chemical-resistant headgear for overhead exposure

• Cleaning equipment, mixing, or loading

• Dust/mist filtering respirator (MSHA/NIOSH approval number: prefix TC-21C)

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions, for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.309(d)(4-6)), the handler PPE requirements may be reduced or none as specified in the WPS.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.309(d)(4-6)), the handler PPE requirements may be reduced or none as specified in the WPS.

User Safety Recommendations
 Users should:
 • Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
 • Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
 • Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

WILDLIFE: This product is toxic to wildlife. Birds and other wildlife in treated areas may be killed. Do not apply directly to water or to areas where surface water is present or to wetlands below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

DRIFT: STARFIRE CONCENTRATE herbicide is a contact herbicide that kills all green plant tissue. Do not apply under conditions involving possible drift to food, forage, or other plantings that might be damaged or the crop thereof rendered unfit for sale use, or consumption. Do not apply when weather conditions favor drift from areas treated. For aerial applicators use, do not apply during periods of thermal inversion to avoid drift. Refer to the local state laws, regulations, and guidelines for proper application to avoid off-target movement.

CHEMICAL HAZARD: This product reacts with aluminum to produce hydrogen gas which may form a highly combustible gas mixture. Such gas could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette, or other ignition source. Do not mix or store in containers, spray tanks, nurse tanks, or such systems made of aluminum or having aluminum fittings. After dilution with water to spray concentrations, spray systems made of, or containing aluminum parts, may be used but should not be used for extended (overnight) storage.

EQUIPMENT/CONTAINER: Flush all spray equipment with water after use each day. STARFIRE CONCENTRATE is corrosive to aluminum. Aluminum spray equipment and aluminum aircraft structures that are exposed to spray solution or spray drift should be flushed thoroughly with water immediately after use.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of ZENCA or Seller. All such risks shall be assumed by Buyer and User and Buyer and User agree to hold ZENCA and Seller harmless for any claims relating to such factors.

ZENCA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or ZENCA, and Buyer and User assume the risk of any such use. ZENCA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall ZENCA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ZENCA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ZENCA OR SELLER, THE REPLACEMENT OF THE PRODUCT.

ZENCA and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of ZENCA.

DIRECTIONS FOR USE

It is a violation of Federal law and may endanger the applicator or third parties to use this product without complying with all label directions and warnings.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only trained handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS: Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170.

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH DANGER STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS. HEAD STATEMENT OF PRACTICAL TREATMENT AND PRECAUTIONARY STATEMENTS ON PAGES 3-5.

NOTE: DO NOT USE AROUND HOME GARDENS, SCHOOLS, RECREATIONAL PARKS, GOLF COURSES, OR PLAYGROUNDS.

DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.

IMPORTANT: The effect of swallowing STARFIRE CONCENTRATE is far more severe than that which usually results from skin contact or inhalation of spray mist. This product should not cause injury if used according to label instructions. Follow the label as if your life depends on it.

REFER TO ATTACHED BOOKLET FOR USE DIRECTIONS.

STORAGE AND DISPOSAL

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

STORAGE: Store at temperatures above 32°F. Do not contaminate feed, foodstuffs or drinking water. Do not store next to feed or food, or transport in or on vehicles containing foodstuffs or feeds. For help with any spill, leak, fire or exposure involving this material, call CHEMTREC 1-800-424-9300.

PESTICIDE DISPOSAL: The product is acutely hazardous. 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: Rinsal container and offer for reconditioning, or triple rinse (or equivalent) and offer for recycling or reconditioning, or clean in accordance with manufacturer's instructions.

CONTAINER PRECAUTIONS: Before refilling, inspect thoroughly for damage, such as cracks, punctures, bulges, dents, abrasions and damaged or worn threads on closure devices.

REFILL ONLY WITH STARFIRE CONCENTRATE HERBICIDE. The contents of this container cannot be completely removed by cleaning. Refilling with materials other than STARFIRE CONCENTRATE will result in contamination and may weaken container.

After filling and before transporting, check for leaks.

Do not refill or transport damaged or leaking container.

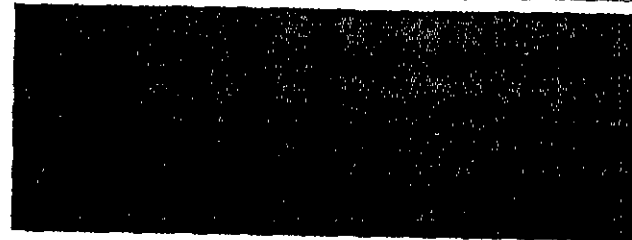
CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER!

STARFIRE® is a trademark of the ZENCA Group Company.

©1995 ZENCA Inc.

15 of 15

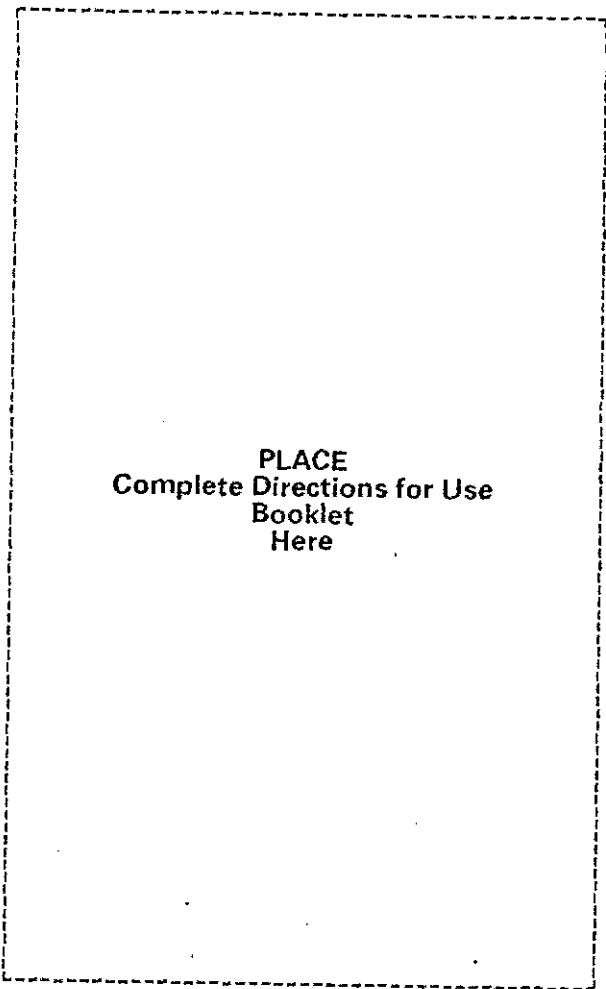
is covered by the Certified Applicator's certification.



liant

IMPORTANT

See attached booklet for Use Precautions,
Directions for Use and Recommendations.
Read all label directions before using.



**PLACE
Complete Directions for Use
Booklet
Here**

Contents: _____

Made in U.S.A.

ZENECA Ag Products

ZENECA Inc.
Wilmington, Delaware 19850-5458

129502
04003508