

Mariposa County Agricultural Commissioner's Office
UC Cooperative Extension

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment

- ⌚ Definitions
- ⌚ Employer Responsibilities
- ⌚ Labeling
- ⌚ Regulation
- ⌚ Exemptions
- ⌚ Choosing the PPE

Definitions

Definition

Personal Protective Equipment

3CCR section 6000. "Personal protective equipment" (PPE) means apparel and devices worn to minimize human body contact with pesticides or pesticide residues that must be provided by an employer and are separate from, or in addition to, work clothing. PPE may include chemical resistant suits, chemical resistant gloves, chemical resistant footwear, respiratory protection devices, chemical resistant aprons, chemical resistant headgear, protective eyewear, or a coverall (one- or two-piece garment).

Definition

PPE – Coverall

3CCR section 6000. "Coverall" means a one or two piece garment of closely woven fabric or equivalent that covers the entire body, except the head, hands, and feet, and must be provided by the employer as personal protective equipment. Coverall differs from, and should not be confused with, work clothing that can be required to be provided by the employee.

Definition

PPE – Coverall



Definition

PPE – Work Clothing

3CCR section 6000. "Work clothing" means garments such as long-sleeved shirts, short-sleeved shirts, long pants, short pants, shoes, and socks. Work clothing is not considered personal protective equipment although pesticide product labeling or regulations may require specific work clothing during some activities. Work clothing differs from and should not be confused with a coverall. While coveralls shall be provided by the employer, work clothing can be required to be provided by the employee. Short sleeved shirts and short pants are considered acceptable work clothing only under conditions expressly permitted by pesticide product labeling.

Definition

PPE – Work Clothing



Choosing the PPE

- Ⓐ Long-sleeved shirt
- Ⓐ Long pants
- Ⓐ Shoes plus socks

ATTENTION:
This specimen label is provided for general information only.

- This pesticide product may not yet be available or approved for sale or use in your area.
- It is your responsibility to follow all Federal, state and local laws and regulations regarding the use of pesticides.
- Before using any pesticide, be sure the intended use is approved in your state or locality.
- Your state or locality may require additional precautions and instructions for use of this product that are not included here.
- Monsanto does not guarantee the completeness or accuracy of this specimen label. The information found in this label may differ from the information found on the product label. You must have the EPA approved labeling with you at the time of use and must read and follow all label directions.
- You should not have any use of a similar product on the pesticides, instructions for use or other information you find here.
- Always follow the precautions and instructions for use on the label of the pesticide you are using.



The complete broad-spectrum postemergence professional herbicide for industrial, turf and ornamental weed control.

Complete Directions for Use

AVOID CONTACT OF HERBICIDE WITH FOLIAGE, STEMS, EXPOSED NON-WOODY ROOTS OR FRUIT OF CROPS, DESIRABLE PLANTS AND TREES, BECAUSE SEVERE INJURY OR DESTRUCTION IS LIKELY TO RESULT.

EPA Reg. No. 524-529 2010-1

Read the entire label before using this product.

Use only according to label instructions.

Not all products listed on this label are registered for use in California. Check the registration status of each product in California before using.

Read the "LIMIT OF WARRANTY AND LIABILITY" statement at the end of the label before buying or using. If terms are not acceptable, return of money unopened.

THIS IS AN END-USE PRODUCT. MONSANTO DOES NOT INTEND AND HAS NOT REGISTERED IT FOR REFORMULATION. SEE INDIVIDUAL CONTAINER LABEL FOR REFORMULATION LIMITATIONS.

1.0 INGREDIENT

ACTIVE INGREDIENT

*Glyphosate, N-(phosphonomethyl)glycine, as the form of its isopropylamine salt 50.2%

OTHER INGREDIENTS (including 12% surfactant) 49.8%

*Contains 600 grams per liter or 5 pounds per U.S. gallon of the active ingredient glyphosate, as the form of its isopropylamine salt. Equivalent to 445 grams per liter or 3.7 pounds per U.S. gallon of the acid glyphosate.

This product is protected by U.S. Patent No. 4,405,511. Other patents pending. No license granted under any non-U.S. patents.

2.0 IMPORTANT PHONE NUMBERS

1. FOR PRODUCT INFORMATION OR ASSISTANCE IN USING THIS PRODUCT, CALL TOLL-FREE, 1-800-332-3111

2. IN CASE OF AN EMERGENCY INVOLVING THIS PRODUCT, OR FOR MEDICAL ASSISTANCE, CALL COLLECT, DAY OR NIGHT, 1-813-534-4000

3.0 PRECAUTIONARY STATEMENTS

3.1 Hazards to Humans and Domestic Animals

Keep out of reach of children.

CAUTION!

CAUSES MODERATE EYE IRRITATION

Avoid contact with eyes or clothing.

FIRST AID: Call a poison control center or doctor for treatment advice.

IF IN EYES: • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

• Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

• You may also contact (816) 594-4000, collect day or night, for emergency medical treatment information.

• This product is identified as Roundup PRO® Concentrate Herbicide, EPA Registration No. 524-529.

DOMESTIC ANIMALS: This product is considered to be relatively non-toxic to dogs and other domestic animals. However, ingestion of this product in large amounts of freshly sprayed vegetation may result in temporary gastrointestinal irritation (vomiting, diarrhea, colic, etc.). If such symptoms are observed, provide the animal with plenty of fluids to prevent dehydration. Call a veterinarian if symptoms persist for more than 24 hours.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear long-sleeved shirt and long pants, shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Do not eat, drink and then absorb in skin that have been decontaminated with this product's concentrate. Do not reuse them.

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)-(6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

NOTICE: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "Applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

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.

3.2 Environmental Hazards

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

3.3 Physical or Chemical Hazards

Spray solutions of this product can be mixed, stored and applied using only stainless steel, fiberglass, plastic or plastic-lined steel containers.

DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS. This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas which may form a highly combustible gas mixture. This gas mixture could flash or explode, causing serious personal injury if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. This product can only be used in accordance with the Directions for Use on the label or in separate published Monsanto Supplemental Labeling. Supplemental Labeling may be found on the internet at www.agri.com, www.croscro.com or www.growbook.net or obtained by contacting your Authorized Monsanto Retailer or Monsanto Company representative.

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.

Any addition PPE?

Employer Responsibility

Employer Responsibilities

⚠ Employer

- ⚠ knowing about applicable safe use requirements
- ⚠ Shall inform the employee,
 - ⚠ pesticide used and safety hazards
 - ⚠ PPE and other equipment to be used
 - ⚠ work procedures to be followed and pesticide safety requirements
- ⚠ Supervise employees
- ⚠ Provide a safe work place for employees, and employees to follow safe work practices
- ⚠ Assure employees handle pesticide according to laws, regulations, and labeling requirements

⚠ Employees

- ⚠ Use PPE and other safety equipment required labeling or regulation



Labeling

Labeling EPA Label Review Manual

Label Review Manual

Table 1. Handler PPE for WPS Products

Route of Exposure	Toxicity Category by Route of Exposure of End-Use Product			
	I DANGER	II WARNING	III CAUTION	IV CAUTION
Dermal Toxicity or Skin Irritation Potential ¹	Coveralls worn over long-sleeved shirt and long pants	Coveralls worn over short-sleeved shirt and short pants	Long-sleeved shirt and long pants	Long-sleeved shirt and long pants
	Socks	Socks	Socks	Socks
	Chemical-resistant footwear	Chemical-resistant footwear	Shoes	Shoes
	Chemical-resistant Gloves ²	Chemical-resistant Gloves ²	Chemical-resistant Gloves ²	No minimum ⁴
Inhalation Toxicity	Respiratory protection device ³	Respiratory protection device ³	No minimum ⁴	No minimum ⁴
Eye Irritation Potential	Protective eyewear ⁵	Protective eyewear ⁵	No minimum ⁴	No minimum ⁴

¹ If dermal toxicity and skin irritation toxicity categories are different, PPE shall be determined by the more severe toxicity category of the two. If dermal toxicity or skin irritation is category I or II, refer to Section 2 below to determine if additional PPE is required beyond that specified in Table 1.

² Refer to Section 3, Table 3 to determine the specific type of chemical-resistant glove.

³ Refer to Section 4 to determine the specific type of respiratory protection.

⁴ Although no minimum PPE is required for these toxicity categories and routes of exposure, the Agency may require PPE on a product-specific basis.

⁵ "Protective eyewear" is to be used instead of "goggles" and/or "face shield" and/or "shielded safety glasses" and similar terms to describe eye protection, unless the assessment requires a specific type of eyewear for adequate protection.

2. Identifying Additional Product-Specific Handler Protective Clothing (Apron and Headgear).

In addition to PPE listed in Table 1, additional, more protective PPE is required for products that are classified as toxicity category I or II for acute dermal toxicity or skin irritation. If the label under review does not involve a category I or II classification for either of these studies, skip this section. If the label under review does involve a category I or II classification for either the acute dermal toxicity or skin irritation, review Table 2 below to determine the additional product specific PPE.

Table 2. Additional Dermal Toxicity and/or Skin Irritation PPE For Toxicity Category I Or II (See 40 CFR 156.212(i))

Conditions Requiring Additional PPE and Labeling	Required PPE and Labeling
All products that are not ready-to-use and do not require a chemical-resistant suit must bear the corresponding statement:	"When mixing and loading wear a chemical-resistant apron".
All products labeled for application procedures that might involve overhead exposure must bear the corresponding statement:	"For overhead exposure wear chemical-resistant headgear".
All products labeled for use of equipment other than the product container to mix, load or apply the product must bear the corresponding statement:	"When cleaning equipment wear a chemical-resistant apron".

Labeling PPE

Personal Protective Equipment (PPE)

Applicators and other handlers must wear: long-sleeved shirt and long pants, shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

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.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

ATTENTION:
This specimen label is provided for general information only.

- This pesticide product may not yet be available or approved for sale in your area.
- It is your responsibility to follow all Federal, state and local laws and regulations regarding the use of pesticides.
- Before using any pesticide, be sure the intended use is approved in your state or locality.
- Your state or locality may require additional precautions and instructions for use of this product that are not included here.
- Manufacturers do not guarantee the completeness or accuracy of this specimen label. The information found in this label may differ from the information found on the product label. You must have the EPA approved labeling with you at the time of use and read and follow all label directions.
- You should not have any use of a similar product on the pre-cautions, restrictions for use or other information you find here.
- Always follow the precautions and instructions for use on the label of the pesticide you are using.

2120313-23




The complete broad-spectrum postemergence professional herbicide for industrial, turf and ornamental weed control.

Complete Directions for Use

AVOID CONTACT OF WEEDS WITH FRUITS, SEEDS, OPENED NON-WOODY ROOTS OR FRUIT OF CROPS, DESIRABLE PLANTS AND TREES, BECAUSE SEVERE INJURY OR DESTRUCTION IS LIKELY TO OCCUR.

EPA Reg. No. 524-529

Read the entire label before using this product. Use only according to label instructions. Not all products include this label as required for use in California. Check Registration status of each product in California before using. Read the "LIMIT OF WARRANTY" AND "LIMITATION OF REMEDY" statement at the end of the label before buying or using. If terms are not acceptable, return it unopened. THIS IS AN ENGLISH PRODUCT MONOGRAPH. DOES NOT INCLUDE AND NOT BE REPRODUCED IF FOR REPRODUCTION. SEE REVISIONS CONTAINED LABEL FOR REVISIONS, AMENDMENTS.

1.0 INGREDIENT

ACTIVE INGREDIENT:
*Glyphosate, N-(phosphonomethyl)glycine, as the form of its isopropylamine salt 50.7%
OTHER INGREDIENTS (including EPA active ingredients) 49.3%

*Contains 400 grams per liter or 5 pounds per U.S. gallon of the active ingredient glyphosate, as the form of its isopropylamine salt. Equivalent to 400 grams per liter or 5.7 pounds per U.S. gallon of the acid glyphosate.

This product is prepackaged U.S. Patent No. 4,935,511. Other patents pending. No license granted under any one U.S. patent(s).

2.0 IMPORTANT PHONE NUMBERS

1. FOR PRODUCT INFORMATION OR ASSISTANCE IN USING THIS PRODUCT, CALL TOLL FREE: 1-800-852-1111

2. IN CASE OF AN EMERGENCY INVOLVING THIS PRODUCT, OR FOR MEDICAL ASSISTANCE, CALL TOXICOL, 24 HOURS: 1-800-441-4242

3.0 PRECAUTIONARY STATEMENTS

3.1 Hazards to Humans and Domestic Animals

Keep out of reach of children.
CAUTION!

CAUSES MODERATE EYE IRRITATION

Avoid contact with eyes or clothing.

FIRST AID: Call a poison control center or doctor for treatment advice.

IF IN EYES: Hold eyes open and rinse slowly and gently with water for 25-30 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

IF ON SKIN: Wash the product container or label with you when calling a poison control center or doctor, or going for treatment.

IF YOU MAY ALSO CONTACT 1-800-654-4008: select day or night, for emergency medical treatment information.

IF THIS PRODUCT IS IDENTIFIED AS Roundup PRO® Concentrate Herbicide, EPA Registration No. 524-529

ENVIRONMENTAL: This product is considered to be relatively nontoxic to dogs and other domestic animals; however, ingestion of this product or large amounts of freshly sprayed vegetation may result in temporary gastrointestinal irritation (vomiting, diarrhea, etc., etc.). If such symptoms are observed, provide the animal with plenty of fluids to prevent dehydration. Call a veterinarian if symptoms persist for more than 24 hours.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear: long-sleeved shirt and long pants, shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

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.

Use 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.

3.2 Environmental Hazards

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

3.3 Physical or Chemical Hazards

Some mixtures of this product can be mixed, stored and applied using only stainless steel, aluminum, glass or plastic lined steel containers.

DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GUARANTEED STEEL OR UNLINED STEEL, EXCEPT CHANGED STEEL CONTAINERS OR SPRAY TANKS. This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas which may form a highly combustible gas mixture. This gas mixture could flash or explode, causing serious personal injury. If ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source.

DIRECTIONS FOR USE

This is a solution of Federal law requires this product in any name associated with its labeling. This product can only be used in accordance with the Directions for Use on this label or in separate published Manufacturer Supplemental Labeling. Supplemental Labeling may be found on the internet at www.epa.gov, www.alfresco.com or www.pioneer.com or obtained by contacting your authorized Monsanto dealer or Monsanto Company representative.

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.

Regulations

Regulation

Protective Eyewear: 3CCR section 6738(b)(2).

Protective eyewear :

- ⌚ Safety glasses with front, brow and temple protection (not eyeglasses or sunglasses)
- ⌚ Goggles
- ⌚ Face shield
- ⌚ Full face respirator
- ⌚ Visor (aircraft operation only).

Regulation

Protective Eyewear: 3CCR section 6738(b)(2).

Safety Glasses

Safety Glasses that do not meet the requirement



Regulation

Protective Eyewear: 3CCR section 6738(b)(2).

Goggles



Face Shield



Regulation

Protective Eyewear: 3CCR section 6738(b)(2).

Self Contained Breathing
Apparatus (SCBA)



Full-Face Respirator



Regulation

Gloves: 3CCR section 6738(c)(2)

If a specific type of glove is not specified on product labeling for the pesticide being handled, gloves made of rubber, neoprene, or other chemical resistant material that provides equivalent or better protection are used. Gloves or glove linings of leather, cotton, or other absorbent materials shall not be worn unless expressly permitted by pesticide product labeling. If chemical resistant gloves with sufficient durability and suppleness are not available, leather gloves may be worn over chemical resistant glove liners. Once leather gloves have been used for this purpose, they shall not be worn in any other situation.

Regulation

Gloves: 3CCR section 6738(c)(2)

Gloves

- ⚠ When required by labeling or Whenever Employee is...
- ⚠ Mixing or Loading
- ⚠ Adjusting, Cleaning, Repairing
- ⚠ Hand Application
- ⚠ Gloves or linings of leather, cotton may not be used!



Regulation

Chemical Resistant Footwear : 3CCR 6738(d)

- ⌚ (1) When chemical resistant footwear is specified by the pesticide product labeling, one of the following types of footwear is worn:
 - ⌚ (A) Chemical resistant shoes;
 - ⌚ (B) Chemical resistant boots; or,
 - ⌚ (C) Chemical resistant coverings worn over boots or shoes.
- ⌚ (2) For aircraft operation, chemical resistant footwear need not be worn.



Regulation

Chemical Apron : 3CCR 6738(f)

A chemical resistant apron when required by the pesticide labeling, is a garment that covers the front of the body from mid-chest to the knees.



Regulation

Chemical Resistant Suit: 3CCR 6738(g)

Chemical resistant suit, waterproof or impervious pants and coat or a rain suit, a chemical resistant suit that covers the torso, head, arms, and legs is worn.

Limitations

Can not work when temperature exceeds 80°F during daylight hours or 85°F during nighttime hours.

(see 3CCR section 6738(g)(2))



Regulation

Respirator: 3CCR 6739

General Requirements

Respirators shall be used when required by

- ⌚ Label
- ⌚ Regulation
- ⌚ Permit conditions

Voluntary Use

Employer or employee provided

- ⌚ Provide information in 3CCR 6739(r)
- ⌚ Must have a minimal written program (written program not required for voluntary use of only filtering facepiece)



Regulation

Exceptions (using closed system): 6738 section (h)

The following exceptions and substitutions to personal protective equipment required by pesticide product labeling or regulations are permitted:

(1) Persons using a closed system to handle pesticide products with the signal word "DANGER" or "WARNING" may substitute coveralls, chemical resistant gloves, and a chemical resistant apron for personal protective equipment required by pesticide product labeling;

Regulation

Exceptions: (using closed system) 6738 section (h)

(2) Persons using a closed system to handle pesticide products with the signal word "CAUTION" may substitute work clothing for personal protective equipment required by pesticide product labeling;

Regulation

Exceptions: (using closed system) 3CCR sec. 6738(h) cont.

(3) Persons using a closed system that operates under positive pressure shall wear protective eyewear in addition to the personal protective equipment listed in (1) or (2). Persons using any closed system shall have all personal protective equipment required by pesticide product labeling immediately available for use in an emergency;

(4) Persons properly mixing pesticides packaged in water soluble packets are considered to be using a closed (mixing) system for the purposes of this subsection;

Regulation Exceptions: (using closed system) 3CCR sec. 6738(h) cont.



Regulation

Exceptions: (using enclosed cab) 3CCR sec. 6738(h) cont.

(5) Persons occupying an enclosed cab (including cockpit) may substitute work clothing for personal protective equipment required by pesticide product labeling. If respiratory protection is required it must be worn, except in an enclosed cockpit;

(6) Persons occupying an enclosed cab acceptable for respiratory protection may substitute work clothing for personal protective equipment required by pesticide product labeling;

Note: Currently there is no standard for an enclosed cab for respiratory protection

Regulation Exceptions: (using enclosed cab) 3CCR sec. 6738(h) cont.



Note: Currently there is no standard for an enclosed cab for respiratory protection

Regulation

Exceptions: 3CCR sec. 6738(h) cont.

(7) Persons working in an enclosed cab, as specified in (5) and (6), other than an aircraft, shall have all personal protective equipment required by pesticide product labeling immediately available and stored in a chemical resistant container, such as a plastic bag. Labeling-required personal protective equipment shall be worn if it is necessary to work outside the cab and contact pesticide treated surfaces in the treated area. Once personal protective equipment is worn in the treated area, it shall be removed and stored in a chemical resistant container, such as a plastic bag, before reentering the cab;

Regulation

Exceptions: 3CCR sec. 6738(h) cont.

(8) A chemical resistant suit may be substituted for coveralls and/or a chemical resistant apron; and

(9) Pest control aircraft pilots are not required to wear gloves during operation but gloves shall be worn by any person entering or exiting an aircraft contaminated with pesticide residues. While in the cockpit, gloves shall be carried in a chemical resistant container, such as a plastic bag.

Choosing the PPE

Choosing the PPE

Applicators and other handlers

⌚ Long sleeve shirt and long pants

⌚ Shoes plus socks

⌚ Protective eyewear

⌚ Chem. Rest. Gloves

Any additional PPE?

Specimen Label



Garlon® 3A

Specialty Herbicide

®Trademark of Dow AgroSciences LLC

For the control of woody plants, broadleaf weeds in range and pasture, forests and non-crop areas, including manufacturing and storage sites, rights-of-way such as electrical power lines, communication lines, pipelines, roadsides, railroads, fence rows, non-irrigation ditch banks, and around farm buildings; and applications to grazed areas, and establishment and maintenance of wildlife openings, and in Christmas tree plantations and aquatic sites.
For use in New York State, comply with Section 24(c) Special Local Need labeling for Garlon 3A, SLN NY-110005.

Active ingredient:
triclopyr, 3,5,6-trichloro-2-pyridinyloxyacetic acid, 44.4%
Inert/amine salt 55.6%
Other Ingredients 100.0%
Total 100.0%
Acid equivalent: triclopyr - 31.8% - 3 lb/gal

Precautionary Statements

Hazard to Humans and Domestic Animals

EPA Reg. No. 62719-37

DANGER

Corrosive • Causes Irreversible Eye Damage • Harmful If Swallowed Or Absorbed Through Skin • Prolonged Or Frequently Repeated Skin Contact May Cause Allergic Reaction In Some Individuals
Do not get in eyes or on skin or clothing.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Protective eyewear
- Chemical resistant gloves (≥14 mils) such as butyl rubber, natural rubber, neoprene rubber or nitrile rubber

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 exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the WPS (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.

First Aid

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 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 on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. 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 person. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 for emergency medical treatment information.

Note to Applicator: Allergic skin reaction is not expected from exposure to spray mixtures of Garlon 3A herbicide when used as directed.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Environmental Hazards

Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Under certain conditions, treatment of aquatic weeds can result in oxygen depletion or loss due to decomposition of dead plants, which may contribute to fish suffocation. This loss can cause fish suffocation. Therefore, to minimize this hazard, do not treat more than one-third to one-half of the water area in a single operation and wait at least 10 to 14 days between treatments. Begin treatment along the shore and proceed outwards in bands to allow fish to move into untreated areas. Consult with the State agency for fish and game before applying to public water to determine if a permit is needed.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Physical or Chemical Hazards

Combustible. Do not use or store the product near heat or open flame.

Directions for Use

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

Read all Directions for Use carefully before applying.

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. 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), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

Choosing the PPE

Specimen Label



Herbicide

®Trademark of Dow AgroSciences LLC

Active Ingredient	
oxyfluorfen, 2-chloro-1-(4-ethoxy-4-nitrophenoxy)-	22.3%
4-(trifluoromethyl)benzene	77.7%
Total	100.0%

Contains 2 pounds active ingredient per gallon.
Contains petroleum distillates

Keep Out of Reach of Children WARNING AVISO

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.)

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to the label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

Refer to inside of label booklet for Precautionary Statements and Directions for Use.

Notice: Read the entire label. Use only according to label directions. Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies at end of label booklet. If terms are unacceptable, return at once unopened.

Shake Well Before Using

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

Precautionary Statements

Hazards to Humans and Domestic Animals

EPA Reg. No. 62719-024

WARNING

Causes Skin Irritation • Causes Moderate Eye Irritation • Harmful If Swallowed Or Absorbed Through The Skin

Do not get on skin or on clothing. Avoid contact with eyes.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistance category selection chart.

Mixers, loaders and applicators using engineering controls (see Engineering Controls requirements below) must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves (such as Barrier Laminate, Viton) when mixing and loading
- Chemical-resistant apron when mixing and loading

All other mixers, loaders, applicators and other handlers must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant footwear plus socks
- Chemical-resistant gloves (such as Barrier Laminate, Viton)
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when exposed to the product concentrate

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.

Engineering Controls: Mixers and loaders supporting ground applications to cotton must use a closed system that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4)), and must:

- Wear the personal protective equipment required above for mixers/loaders using engineering controls
- Wear protective eyewear if the system operates under pressure, and
- Be provided and have immediately available for use in case of emergency, such as a broken package, spill, or equipment breakdown, coveralls and chemical-resistant footwear.

Pilots must use an enclosed cockpit in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(6)).

When handlers use closed systems or enclosed cabs 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 contaminated clothing/PPE 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.

First Aid

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If swallowed: Call a Poison Control Center or doctor immediately for treatment advice. Have a 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 person.

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 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.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. This product may pose an aspiration pneumonia hazard. Contains petroleum distillates.

Hot Line Number: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 day or night, for emergency treatment information.

Environmental Hazards

This product is toxic to aquatic invertebrates and wildlife. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. See Directions for Use for additional restrictions. Do not contaminate water when disposing of equipment wash water.

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

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.

Mixers, loaders, and applicators using engineering controls

☞ Long-sleeved shirt

☞ Long pants

☞ CR Gloves

☞ CR apron, M/L

All other M/L, applicators, handlers

☞ Coverall over L/S shirt & L/pants

☞ CR footwear + socks

☞ CR gloves

☞ CR head gear i overhead exp.

☞ CR apron for concentrate

Any additional PPE?

Choosing the PPE

PULL HERE TO OPEN ►

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.



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS


DANGER / POISON
PELIGRO

May be fatal if swallowed. Fatal if inhaled. Do not breathe spray mist. Wear a dust mist NIOSH-approved respirator with any N, R, P, or HE filter. Causes substantial but temporary eye injury. Wear protective eyewear (face shield required when mixing/loading). Harmful if absorbed through skin. Do not get in eyes, on skin, or on clothing. Avoid contact with skin.

IMPORTANT: Inhalation is an unlikely route of exposure due to low vapor pressure and large spray droplet size, but mucosal irritation or nose bleeds may occur. Prolonged contact with this concentrated product can irritate your skin.

Personal Protective Equipment (PPE)

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

- Long-sleeve shirt and long pants
- Shoes plus socks
- Protective eyewear
- Chemical Resistant Gloves - Category A (e.g. barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride (PVC) or Viton®)
- A dust mist NIOSH-approved respirator with any N, R, P, or HE filter

Mixers and Loaders must wear:

- Long-sleeve shirt and long pants
- Shoes plus socks
- A dust mist NIOSH-approved respirator with any N, R, P, or HE filter
- Chemical Resistant Gloves - Category A (e.g. barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride (PVC) or Viton)
- Chemical resistant apron
- Face shield

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 exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls

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/PPE 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.

Applicators and other handlers
(other than Mixer/Loaders):

- Å Long-sleeve shirt long pants
- Å Shoes plus socks
- Å Protective eyewear
- Å Chemical Resistant Gloves
- Å Dust mist NIOSH-approved respirator (N, R, P, or HE filter)

Mixer/Loaders must wear in
addition to the above:

- Å Chemical resistant apron
- Å Face shield

Any additional PPE?

Choosing the PPE

Now there's oil added to Gramoxone

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS



DANGER / POISON
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- Shoes plus socks
- A dust mist NIOSH-approved respirator with any N, R, P, or HE filter
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- Remove clothing/PPE 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.

Monterey Crop Oil

CROP OIL CONCENTRATE

CA Reg. No. 17545-50031

PRINCIPAL FUNCTIONING AGENTS:

Paraffinic petroleum oil	83.0%
Alcohol ethoxylate	17.0%
TOTAL:	100.0%

Contains petroleum distillate.

ENVIRONMENTAL HAZARDS

Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

DIRECTIONS FOR USE

MONTEREY CROP OIL is a combination of surfactant and a superior paraffinic oil designed for use in crop protection spray programs. MONTEREY CROP OIL increases the effectiveness of pesticides. Do not use MONTEREY CROP OIL during periods of extreme high or low temperatures and/or humid conditions. MONTEREY CROP OIL may be used on agricultural, aquatic, forestry, turf and ornamental, industrial, and non-cropland sites. NOT FOR AQUATIC USE IN WASHINGTON.

Read and follow the precautions, restrictions and recommendations on the labels of pesticides used with MONTEREY CROP OIL. Use according to the most restrictive label directions for each product in any tank mix.

COMPATIBILITY: MONTEREY CROP OIL is compatible with most pesticides. However, if the desired combination has not been previously used, a compatibility test is recommended.

MIXING: Shake well before using. Fill spray tank $\frac{1}{2}$ full of water and begin agitation. Add products as directed by label or in the following sequence and continue filling tank: (1) Dry flowables or water dispersing granules, (2) Wettable powders, (3) Flowables, (4) Solutions, (5) Emulsifiable concentrates. Add the recommended amount of MONTEREY CROP OIL last and continue agitation until spray solution is completely mixed. Continuous agitation of finished spray is recommended. If spray solution has been allowed to stand, thoroughly agitate and remix before application.

RECOMMENDATIONS: Specific use rates will vary with conditions of application such as water hardness, application method, equipment, spray droplet size, condition of foliage, etc. Also, higher rates than those below may be used if recommended by pesticide labeling. Follow pesticide label directions. However, do not add this product at a rate which exceeds 5% of the finished spray volume, except when used as a diluent for basal bark applications of herbicides.

USE: Use 1-4 pints per 100 gallons of finished spray solution. For improved efficacy use at least 1 pint per acre when finished spray volume is less than 20 gallons per acre. For backpack or hand held sprayers, use 1 fl. oz. per gallon of finished spray solution.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.

STORAGE: Store in original container away from children, animals, foods, feeds and seeds. Handle in accordance with Precautionary Statements. In the event of spillage or leakage, soak up the material with absorbent clay, sand, sawdust or other absorbent material. Scrape up and dispose in accordance with Product Disposal.

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

CONTAINER DISPOSAL: Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state or local ACRC recycler, visit the ACRC web page at www.acrcycle.org. Decontaminated containers may also be disposed of in a sanitary landfill.

CONDITIONS OF SALE AND WARRANTY

Monterey Agriculture (MAR) warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated when used in accordance with the use directions under normal conditions. MAR neither makes, nor authorizes any agent or representative to make, any warranties, express or implied, including fitness or merchantability. The directions for use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as timing and method of application, weather and crop conditions, presence of other materials, or other influencing factors, all of which are beyond the control of MAR and Seller. Buyer and user acknowledge and assume all risks and liability resulting from the handling, storage and use of this material not in strict accordance with directions given hereon. In no case shall MAR or the Seller be liable for consequential, special, indirect, or incidental damages or losses resulting from the handling or use of this product. The foregoing is a condition of sale by MAR and is accepted as such by the Buyer.

NET CONTENTS: _____ GALLONS / _____ LITERS

Manufactured for:
MONTEREY AGRICULTURE
P.O. Box 35000
Fresno, CA 93745
(559) 499-2100

030713/0102

What respirator do you need?

Review

- ⌚ Definitions
- ⌚ Employer Responsibilities
- ⌚ Labeling
- ⌚ Regulation
- ⌚ Exemptions
- ⌚ Choosing the PPE

Questions