

Pm 23

34704-609

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

MAR 22 1994

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

William M. Mahlburg  
WILLIAM M. MAHLBURG  
AGENT FOR: PLATTE CHEMICAL CO., INC.  
- BOX 667  
GREELEY, CO 80632

Subject: Label Amendment Submission of 11/22/93 in Response to PR Notice 93-7  
EPA Reg. No. 34704-609  
SALVO WEED KILLER

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

**WHAT YOU NEED TO DO NEXT:**

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable  
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division

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GREELEY CO 80632

Comment for: EPA Reg Nr.34704-609  
SALVO WEED KILLER

The following specific comments pertain to your WPS labeling submission concerning the product cited above:

User Safety Recommendations must either be placed in a box or printed on the label in a contrasting color from surrounding text.

Remove the statement "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." from its current position within the Agricultural Use Box and place it above the Agricultural Use Box.

34704-609  
**PROPOSED LABEL**  
 as required for the pesticide  
 Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act  
**MAR 22 1994**  
 ACCEPTED  
 with COMMENTS  
 in EPA Letter Dated

3 7 5

# SALVO

## LOW VOLATILE WEED KILLER

<b>ACTIVE INGREDIENT:</b>		
Isocetyl (2-ethylhexyl) ester of 2,4-Dichlorophenoxyacetic acid	.....	81.8%*
<b>INERT INGREDIENTS</b>	.....	18.2%
	<b>TOTAL</b>	<b>100.0%</b>

\* Equivalent to 54.2% or 5 lbs. per gallon of 2,4-Dichlorophenoxyacetic acid.  
 Isomer specific by AOAC Method 6.275, 13th Ed, 1980.

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

See Back Panel For Additional Precautionary Statements.

EPA REG. NO. 34704-609

EPA EST. NO. \_\_\_\_\_

NET CONTENTS \_\_\_\_\_ GALLONS

EXP 10/93

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

**HARMFUL IF SWALLOWED. MAY CAUSE SKIN IRRITATION.** Avoid contact with eyes, skin and clothing. Do not take internally. Do not contaminate feed or foodstuffs.

**Personal Protective Equipment:**

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

**Applicators and other handlers must wear** long-sleeved shirt and long pants, chemical-resistant gloves, such as butyl rubber gloves, and a full-face respirator or vision shield plus socks and protective footwear.

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. After each day of use, cleaning of PPE must not be reused until it has been cleaned.

**For containers over 1 gallon and less than 5 gallons in capacity:** Mixers and loaders who do not use a mechanical system, probe and pump, to transfer the contents of this container must wear coveralls or a chemical-resistant apron in addition to other required PPE.

**Engineering controls statements:**

Mixers, loaders, and other equipment used for this product must meet the requirements listed in the Worker Protection Standard for agricultural pesticides.

Other PPE requirements may be reduced or modified as specified on the label.

For containers of 5 gallons or more in capacity: A mechanical, self-propelled probe and pump must be used for transferring the contents of this container. The contents of a container, a pesticide container, and emptied, the probe must be cleaned before removal. If the mechanical system is used, the transfer must be done in a manner that meets the Agricultural Worker Protection Standard (AWP) for agricultural pesticides. Other PPE requirements may be reduced or modified as specified on the label.

#### 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

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. For terrestrial uses, 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.

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# SALVO

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## Groundwater Contamination:

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

Avoid spray drift to susceptible plants as this product may injure cotton, beans, peas, ornamentals, etc. Coarse sprays are less likely to drift. Do not contaminate domestic or irrigating water supplies. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

Vapors from this product may injure susceptible plants in the immediate vicinity. Do not seed lawns, gardens or fields until at least four weeks after application of spray to area. Do not mix with liquid fertilizers. Do not apply in any manner not specified on the label.

## DIRECTIONS FOR USE

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

For any requirements special to your State or to the consultant 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 intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. 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.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 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, water, or clothing, chemical-resistant gloves such as barrier laminate nitrile rubber neoprene or viton shoes plus socks and protective eyewear.

### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

**USE REQUIREMENTS FOR PASTURES AND MEADOWS:** Do not enter treatment areas until spray has dried or dust has settled. For early entry to treatment areas, wear eye protection, chemical-resistant gloves, long-sleeved shirt, and pants, socks and shoes.

**TURF USE REQUIREMENTS:** Do not allow people other than applicator or pets on treatment area during application. Do not enter treatment areas until spray has dried.

**NOTE:** For application to be used for lawn or other commercial use, as used, or for commercial seed production or for research purposes, follow AGRICULTURAL USE REQUIREMENTS on this label.

## STORAGE AND DISPOSAL

**STORAGE:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not store this product near fertilizers, seeds, insecticides, or fungicides. Do not store near heat or open flame. Containers should not be stacked more than six high. Reclose all partially used containers by thoroughly tightening screw cap. Damaged or leaking containers which cannot be used immediately should be transferred to suitable sound containers and properly marked. Absorb any spills with a suitable clay absorbent and dispose of as indicated under "Pesticide Disposal."

For safety and prevention of unauthorized use, all pesticides should be stored in locked facilities.

To prevent accidental misuse, different pesticides should be stored in separate areas with enough distance between to provide clear identification.

Opened, partially used pesticides should be stored in original container labeled containers when possible. When transfer to another container is necessary because of leakage or damage, carefully mark and identify contents of the new container.

If stored below freezing, it may be necessary to warm product to 40°F. and agitate before using. This does not affect the efficiency of the product.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law and may contaminate groundwater. 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:** Do not reuse empty container. Plastic: Triple rinse (or equivalent), adding rinsate to spray tank. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Metal: Triple rinse (or equivalent), adding rinsate to spray tank. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

## GENERAL INFORMATION

When filling spray tank first fill tank 1/4 full of water; add the calculated amount of SALVO, then finish filling tank with water with by-pass open and pump running.

Material may tend to settle when not agitated. When mixture is left in sprayer, allow by-pass pressure to re-agitate before resuming spraying.

## PRECAUTION

Because of the difficulties of removing 2,4-D from sprayers do not use the same spray equipment for applying other materials to plants as injury will result. Use a separate sprayer for this purpose.

Do not store near fertilizers, seeds, insecticides, fungicides or plants.

## TIME OF APPLICATION

Annual weeds are most susceptible in the seeding stage and early growth stages of development and when conditions are such as to promote a vigorous growth.

WHEN USED IN CROP SPRAYING AS A SELECTIVE SPRAY, THE STAGE OF GROWTH OF THE CROP MUST ALSO BE CONSIDERED. OTHERWISE SEVERE DAMAGE MAY RESULT.

## SOME SUSCEPTIBLE WEEDS

Arrowhead	Docks	Mexican Weed	Shepherd's Purse
Arichoke	Farweed	Morning Glory	Smart Weed
Beggar Ticks	Figwort	Musk Thistle	Sow Thistle (annual)
Bindweeds	Four O'Clock	Mustards	Stinkweed
Blue Thistle	Ground Ivy	Nettles	Sumacs
Bull Thistle	Hemp Dogbane	Pennycress	Sunflower
Burdock	Henbit	Pepper Grass	Wild Garlic
Butterprint	Horsetail	Pig Weed	Wild Mustard
Canada Thistle	Jimsonweed	Prickly Lettuce	Wild Onion
Catnip	Klamathweed	Puncture Vine	Wild Parsnip
Chickweed	Lambsquarter	Purslane	Wild Radish
Chicory	Loco Weed	Ragweeds	Wild Rape
Cocklebur	Mallow	Russian Thistle	Wild Sweet Potato
Dandelion	Marestail	Quickweed	Yellow Goatsbeard

Some weeds above, listed as susceptible may not be completely killed but growth is so retarded by proper application that they are no longer a factor affecting growth and yield of crop.

## APPLICATIONS

Application rates may vary slightly from State to State depending upon soil types and weather factors. Consult your State agricultural experiment station for recommendations under local conditions or more specific uses. Do not apply this product through any type of irrigation system.

**CORN, Pre-emergence:** Apply 1 1/2 to 2 1/4 pints of SALVO per acre. Spray uniformly over the soil surface after planting (preferably 3 to 5 days) but before emergence. Use in 5 to 20 gallons of water. Do not use on light sandy soils, or when moisture is inadequate for normal weed growth.

**CORN, MILO; Postemergence:** Apply 1/5 to 2/5 pint SALVO per acre. Make application when crop is small and more resistant to SALVO but when weeds are succulent or in active growth stage. Use lower dosage only against succulent, non-resistant, annual broadleaf weeds. Use drop nozzles when crop is 10 inches tall or higher. Keep spray off leaves. Do not spray after tassels appear. Some injury to corn may occur.

**WHEAT, OATS, BARLEY, RYE; Fall:** Apply 2/5 to 4/5 pint of SALVO per acre. Make application in the spring when weeds are small and grain is in full tiller stage (4 to 8 inches high) and always before the boot stage. Do not apply during boot or dough stage. Do not forage or graze treated grain fields within two weeks after treatment. Do not feed treated straw to livestock.

**WHEAT, OATS, BARLEY, RYE; Spring:** Apply 2/5 to 1/2 pint of SALVO per acre. Apply after plants are fully tillered but before stems begin to joint. Do not apply during boot or dough stage. Do not forage or graze treated grain fields within two weeks after treatment. Do not feed treated straw to livestock.

**PERENNIAL GRASS PASTURES, MEADOWS:** Apply 4/5 pint of SALVO per acre. Apply in the early spring when sufficient weeds have emerged and are actively growing and not too mature. Injury may result to bent grass and to clovers. Usually clovers will recover from early spring applications. Do not apply when grass is in boot to milk stage. Do not apply to newly seeded areas or after heading begins. Do not graze dairy animals on treated areas within 7 days after application. Do not graze meat animals on treated areas within 3 days before slaughter. Do not cut treated grass for hay within 30 days after application.

**LAWNS, ORNAMENTAL TURF GRASS, GOLF FAIRWAYS:** For large areas apply 1 1/2 pints of SALVO per acre. For small areas 3 1/3 teaspoons in 3 to 5 gallons of water applied to 1000 square feet. Spray 3 to 5 days after mowing. Retreatment of perennial weed areas may be necessary. May cause injury to bent grass, carpet grass, dichondra, St. Augustine and to clovers. Protect ornamentals from spray drift. The maximum number of broadcast applications per treatment site is 2 per year.

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# SALVO

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## NOTICE

PLATTE WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE CONDITIONS. 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 WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF PLATTE. IN NO CASE SHALL PLATTE BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

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PLATTE CHEMICAL CO.  
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