

REQUEST FOR TOXICOLOGY REVIEW

C. 14700000 (1/1/67)
extension Quairf
Amendment ✓

OK
OK

SUBJECT: Labeling & Petition Review New Petition.....
Product Name CP 70139
File Symbol 524-EUP-24
Petition No. 66-1757 CHS125

UNDATED

TO: Dr. O.E. Paynter
Toxicology Branch
1st Floor, Room 130

THRU: Edward Gross
1st Floor, Room 130

Please review the labeling and data in the attached petition and indicate any additional toxicity studies or labeling changes which will be required either prior to issuance of the permit and requested tolerance(s), or prior to future registration of the product.

If unable to comment and/or recommend by 9-17-71, please advise the undersigned of reason(s) for delay.

23rd 8-3
Special Registration Section
Room 315(d) Phone 54851

This is sent to you for addressal of possible nitrosamine hazard.

BEST AVAILABLE COPY



HERBICIDE BY

Monsanto

For experimental use only in COTTON and SOYBEANS.

EPA Experimental Use Permit No. 524-EUP-24

Not for sale to any person other than a participant or cooperator of the EPA-approved Experimental Use Program. AVOID CONTACT WITH GREEN STEMS, FRUITS OR FOLIAGE OF CROPS AND OTHER DESIRED PLANTS SINCE SEVERE INJURY OR DESTRUCTION MAY RESULT.

PRECAUTIONARY STATEMENTS

Hazard to Humans and Domestic Animals

Keep out of reach of children.

CAUTION!

MAY CAUSE EYE IRRITATION.

AVOID CONTACT WITH EYES.

DO NOT GET ON SKIN OR ON CLOTHING.

FIRST AID: IN CASE OF EYE CONTACT, flush with plenty of water for at least 15 minutes. Call a physician. Flush skin with water. Wash clothing before reuse.

Physical or Chemical Hazards

Solutions of this product should be mixed, stored and applied only in stainless steel, aluminum, fiber-glass, plastic and plastic-lined steel containers.

DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS. This product or 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.

Read the entire label.

Use only according to label instructions.

Read "LIMIT OF WARRANTY AND LIABILITY" before buying or using. If terms are not acceptable, return at once unopened.

ACTIVE INGREDIENT:

Isopropylamine salt of Glyphosate... 53.5%
INERT INGREDIENTS: ... 46.5%
100.0%

*Contains 648 grams per liter or 5.4 pounds of the active ingredient isopropylamine salt of N-(phosphonomethyl)glycine per U.S. gallon.

Equivalent to 480 grams per liter or 4 pounds per U.S. gallon of the acid, glyphosate.



In case of an emergency involving this product, Call Collect, day or night, (314) 694 1000.

NET 1 U.S. GAL

EPA Est. 524-LA-1

MONSANTO COMPANY - AGRICULTURAL PRODUCTS - ST. LOUIS, MISSOURI 63166 U.S.A.

Storage and Disposal

STORE ABOVE 10° F. TO KEEP FROM FREEZING.

Freezing will result in crystals which settle to the bottom of the can. If allowed to freeze, place in a warm room (72°F.) and roll and shake the can frequently for several days to redissolve.

Avoid contamination of seed, feed, and foodstuffs. Do not reuse container, destroy when empty.

LIMIT OF WARRANTY AND LIABILITY

This company warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use. NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY IS MADE. The exclusive remedy of the user or buyer, and the limit of the liability of this company or any other seller for any and all losses, injuries or damages resulting from the use or handling of this product shall be replacement of the quantity of this product involved. The buyer and all users are deemed to have accepted the terms of this notice which may not be varied by any verbal or written agreement.

GENERAL INFORMATION

This product, a water soluble liquid, mixes readily with water to be applied as a foliage spray for the control or destruction of most herbaceous plants. It may be applied only through a RECIRCULATING SPRAY SYSTEM applicator, after dilution and thorough mixing with water in accordance with the "Mixing and Application" section of this label.

Grass and broadleaf weeds growing above emerged row crops may be controlled by a mixture of this product in water applied through a recirculating sprayer. Weeds growing well above the crop intercept the spray solution and direct contact with the crop is avoided. Only the amount of herbicide solution intercepted by the weeds is used. The unused solution returns to the tank. Weeds not contacted by the spray solution will not be controlled and will continue to grow.

This product moves through the plant from the point of foliage contact to and into the root system. Visible effects on most annual weeds occur within 2 to 4 days, but on most perennial weeds may not occur until 7 to 10 days. Extremely cool or cloudy weather at treatment time may slow down activity of this product and delay visual effects of control. Visible effects are a gradual wilting and yellowing of the plant which advances to complete browning of above ground growth and deterioration of underground plant parts.

Always use the higher rate of this product per acre within the recommended range when (1) weed growth is heavy or dense, or (2) weeds are under poor growing conditions, such as drought.

Rainfall occurring within 6 hours after application may reduce effectiveness. Heavy rainfall within 2 hours after application may wash the chemical off the foliage and a repeat treatment may be required.

Do not mix with other pesticides.

Do not spray weed foliage to the point of runoff.

ATTENTION

AVOID DRIFT. EXTREME CARE MUST BE USED WHEN APPLYING THIS PRODUCT TO PREVENT INJURING DESIRABLE PLANTS AND CROPS. Do not allow spray mist to drift since even minute quantities of spray can cause severe damage or destruction to nearby crops, plants or other areas on which treatment is not intended, or may cause other unintended consequences. Do not apply when winds are gusty or in excess of 5 miles per hour or when other conditions, including lesser wind velocities, will allow drift to occur. When spraying, avoid combinations of pressure and nozzle type that will result in fine particles (mist) which are more likely to drift.

NOTE: Use of this product in any manner not consistent with this label may result in injury to persons, animals or crops, or other unintended consequences. Store only in original container. Keep container closed to prevent spills and contamination.

Clean sprayer and parts immediately after using this product by thoroughly flushing with water.

Keep out of lakes, streams and ponds. Do not contaminate water. Do not apply when conditions favor drift from treated areas.

Do not plant subsequent crops other than those on this label, or corn (all), small grains and forage grasses, for one year following application.

Do not harvest cotton or soybeans within 45 days after application.

MIXING AND APPLICATION INSTRUCTIONS

This herbicide mixes readily with water. NOTE: REDUCED RESULTS MAY OCCUR IF WATER CONTAMINATED SOIL IS USED, such as WATER FROM PONDS AND UNLINED DITCHES. Use with 5 to 30 gallons of water carrier per acre. Fill the spray tank with one half the required amount of water. Add the proper amount of this product before adding the remaining portion of water. Keep the filling hose below the surface of the liquid solution to prevent excessive foaming. Remove hose from tank immediately to avoid siphoning back into the water source.

CALIBRATION

Calibrate on a broadcast basis to deliver 5 to 30 gpa of solution at speeds up to 6 mph. Do not calibrate on a band basis.

NOTE: For best results, maintain equipment in good mechanical and operating condition to avoid leakage onto the crop. Adjust spray pressure to minimize the production of spray mist that could drift onto crop. Keep nozzle tips clean. A partially plugged tip can change the spray direction and drip onto the crop. Keep spray pattern aligned into the recovery chambers to prevent spraying onto crops. Do not spray when excess wind blows spray away from the recovery chambers.

APPLICATION RATES

Table with 2 columns: WEEDS TO BE CONTROLLED and RATE/ACRE-QTAS. Lists weeds like Nicot glauca, Setaria exaltata, etc.

For other weeds or to evaluate crop safety use 1 to 5 quarts of this product per acre.

ADDITION OF DRIFT CONTROL ADDITIVES. When drift control additive is desired, use Nalco-Trol or the equivalent that is in compliance with Federal Food and Drug Administration Regulations governing the cropland use of adjuvants. Use 2 to 16 to 100 gallons of additive in final spray solution. Do not exceed 16 oz/A of Nalco-Trol II.

*Trademark of Nalco Chemical Company

ADDITION OF SURFACTANTS. When a surfactant is desired, add 0.25 to 1.00% by volume of Stearol 100 to the spray solution or the equivalent amount of another surfactant that is in compliance with Federal Food and Drug Administration Regulations governing the cropland use of adjuvants.

DIRECTIONS FOR USE

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

AGRICULTURAL USES



This product may be applied any time undrained vegetation is tall enough above the crop to intercept the spray streams without also spraying the crop. Where successive stages of growth are present, 2 or 3 applications may be required to provide control through the crop season.

Refer to the "Mixing and Application" section of this label for rates and specific use instructions.

1657/53-10-6

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