



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

December 10, 2015

Montague Dixon
Sr. Regulatory Product Manager
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, NC 27419

Subject: Notification per PRN 98-10 – Update Spanish translation of signal word
Product Name: Paraquat Concentrate ES
EPA Registration Number: 100-1067
Application Date: September 15, 2015
Decision Number: 511896

Dear Mr. Dixon:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 2007-4 and finds that the action requested falls within the scope of PRN-2007-4.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label (and can be added by non-notification via PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact Emily Schmid by phone at 703-347-0189, or via email at schmid.emily@epa.gov.

Sincerely,

A handwritten signature in blue ink that reads "Emily Schmid" followed by a stylized initial "ES".

Reuben Baris, Product Manager 25
Herbicide Branch
Registration Division (7505P)
Office of Pesticide Programs

Paraquat Concentrate ES

For Formulation of Paraquat Herbicide Products Only

Refer to Syngenta Manufacturing Formulas for Formulating Directions, Chemical and Physical Properties

Active Ingredient:

Paraquat dichloride (1,1'-dimethyl-4,4'-bipyridinium dichloride)..... 45.6%

Other Ingredients: 54.4%

Total: 100.0%

Paraquat Concentrate ES contains 3.14 pounds paraquat cation per gallon as 4.332 pounds salt per gallon.

Contains emetic.

KEEP OUT OF REACH OF CHILDREN.



DANGER / POISON
PELIGRO / TOXICO VENENO

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.)

- **NEVER PUT INTO FOOD, DRINK OR OTHER CONTAINERS.**
- **IF SWALLOWED, TAKE IMMEDIATE ACTION AS PRESCRIBED IN FIRST AID SECTION. SYMPTOMS ARE PROLONGED AND PAINFUL.**

See additional precautionary statements and directions for use on label.

EPA Reg. No. 100-1067

EPA Est.

Product of

_____ gallons
Net Contents

NOTIFICATION

100-1067

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

12/10/2015

FIRST AID Contains Paraquat, a Bipyridylum Herbicide	
If swallowed	<ul style="list-style-type: none">• SPEED IS ESSENTIAL. Immediate medical attention is required. If available, give an adsorbent such as activated charcoal, bentonite or Fullers Earth.• Call a poison control center or doctor immediately for treatment advice.• Do not give anything by mouth to an unconscious person.
If in eyes	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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 inhaled	<ul style="list-style-type: none">• Move person to fresh air.• The odor of this product is from the stenching agent, which has been added, not from the paraquat.• If person is not breathing, call 911 or an ambulance.• Call a poison control center or doctor for further treatment advice.
NOTE TO PHYSICIAN Refer to the booklet 'Paraquat Poisoning. A Practical Guide to Diagnosis, First Aid and Hospital Treatment'. (http://www.syngenta.com/pqmedguide/) Administer either activated charcoal (100g for adults or 2g/kg body weight in children) or Fuller's Earth (15% solution; 1 liter for adults or 15ml/kg body weight in children). NOTE: The use of gastric lavage without administration of an adsorbent has not shown any clinical benefit. Do not use supplemental oxygen. Eye splashes from concentrated material should be treated by an eye specialist after initial treatment. With the possibility of late onset corneal ulceration, it is advised that patients with paraquat eye injuries are reviewed by an eye specialist the day after first presentation. Use treatment that is appropriate for chemical burns. Intact skin is an effective barrier to paraquat, however contact with irritated or cut skin or repeated contact with intact skin may result in poisoning.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOT LINE NUMBER For 24-Hour Medical Emergency Assistance (Human or Animal) Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call 1-800-888-8372	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals



DANGER / POISON
PELIGRO / TOXICOVENENO

May be fatal if swallowed. Fatal if inhaled. Causes substantial but temporary eye injury. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Do not breathe spray mist. Do not inhale contaminated plant dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

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

When handling or mixing concentrate or when exposure to concentrate is possible, wear:

- Long-sleeve shirt and long pants
- Chemical-resistant apron
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Face shield
- Protective eyewear

ENVIRONMENTAL HAZARDS

WILDLIFE: This product is toxic to wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in a National Pollutant Discharge Elimination System (NPDES) permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of EPA.

PHYSICAL AND CHEMICAL HAZARDS: This product reacts with aluminum to produce hydrogen gas which may form a highly combustible gas mixture. Do not mix or store in containers, tanks, or such systems made of aluminum or having aluminum fittings.

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

SPILLAGE DURING TRANSPORT

Emergency action: Notify police and fire departments immediately. For any spill, leak, fire or exposure in the United States, call **1-800-888-8372**. In other countries, call your local Syngenta agent.

KEEP PUBLIC AND ANIMALS away from area. MARK ROADS AND WARN OTHER ROAD USERS. WEAR face shield, waterproof gloves, waterproof footwear, and long-sleeve shirt and long pants during decontamination operations.

Clean up spills as soon as possible. Cover spill with generous amount of clay or loam soil to absorb liquid, using a stiff broom to insure intimate contact. Sweep onto shovel and transfer to plastic bag or other disposable container. Repeat operations until contaminated surfaces are dry. Finally, hose spill site with water if feasible.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

<p>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.</p>

The Directions for Use of this product must 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 SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA 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. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and (2) Buyer and User assume the risk of any such use. TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY

OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA 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 SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product without complying with all label directions and warnings.

This product is to be used only for formulation into herbicides with a paraquat cation concentration not exceeding 240 g paraquat cation per liter of formulated product and that contain an effective emetic that meets FAO specifications, a dye, and an olfactory alerting agent that have been cleared under FIFRA for use in pesticides registered for food use.

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

Only for formulation into an herbicide for the following uses:

(1) Terrestrial Food:

Acerola; Alfalfa; Almonds; Apples; Apricots; Arracacha; Arrowroot; Artichoke, Chinese; Artichoke, Jerusalem; Asparagus; Atemoya; Avocados; Bananas/Plantains; Barley; Beans, dry; Beans (lima, snap); Beechnut; Biriba; Blackberries; Black sapote; Blueberries; Boysenberries; Brazil nut; Broccoli; Butternut; Cabbage; Cabbage, Chinese; Cacao; Calamondin; Canistel; Canna, edible; Carrots; Cashew; Cassava, bitter and sweet; Cauliflower; Cavalo broccolo; Chayote (fruit and root); Cherimoya; Cherries; Chestnut; Chiquapin; Chufa; Citron melon; Citrus citron; Clover and other Legumes; Coffee; Collards; Corn (pop, field, sweet, and seed); Cotton; Cucumber;

Currant; Custard apple; Dasheen (taro); Easter Lilies; Eggplant; Elderberry; Endive (escarole); Fallow land; Feijoa; Figs; Filberts; Garlic; Gherkin; Ginger; Gooseberry; Gourd, edible; Grapefruit; Grapes; Groundcherry; Guar; Guava; Hops; Hickory nut; Huckleberry; Illama; Jaboticaba; Kiwi fruit; Kumquat; Lemon; Lentils; Leren; Lettuce; Lime; Loganberry; Longan; Lychee; Macadamia nut; Mamey sapote; Mandarin; Mandarin, Satsuma; Mango; Mint (peppermint and spearmint); *Momordica* spp.; Muskmelon; Nectarines; Okra; Olives; Onions; Orange (sour & sweet); Papayas; Passion Fruit; Pastures; Pawpaw; Peaches; Peanuts; Pears; Peas; Pecans; Pepino; Peppers; Persimmon; Pigeon peas; Pineapple; Pistachios; Plums; Pomegranate; Potato; Prunes; Pulasan; Pummelo; Pumpkin; Rambutan; Raspberries; Rice; Safflower; Sapodilla; Sorghum; Soursop; Soybeans; Spanish lime; Squash; Star apple; Starfruit; Strawberries; Sugar apple; Sugar beets; Sugarcane; Sunflower; Sweet corn; Sweet potato; Taniers; Tomatillo; Tomatoes; Turmeric; Turnips; Tyfon; Walnuts; Watermelon; Waxgourd, Chinese; Wax jambu; Wheat; White sapote; Yam bean; Yam, true

Terrestrial Nonfood: Conservation Compliance Lands; Conservation Reserve Lands; Federal Set-Aside Lands; Grasses grown for seed; Resin soaking (pines); Tree Plantation Establishment; Shade and ornamental trees such as arborvitae, ash, elm, fir, oak, pine, etc.

- (2) Uses for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration; and
- (3) Uses for experimental purposes that are in compliance with USEPA requirements.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store at temperatures above 32°F. For help with any spill, leak, or fire involving this material, call **1-800-888-8372**.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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 HANDLING: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the person refilling. To clean container before final disposal, empty the remaining contents from this container into formulation equipment. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into formulation equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for

recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

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

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For non-emergency (e.g., current product information), call
Syngenta Crop Protection at 1-800-334-9481

Manufactured for:
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, North Carolina 27419-8300

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