

AUG 6 2001

Ms. Kim Davis  
Consultant/Agent  
MARMAN USA, INC  
30856 Rocky Road  
Greeley, CO 80631-9375

SUBJECT: Marman Paraquat Concentrate, EPA Reg. No. 48273-6  
Your Application Dated July 16, 2001

Dear Ms. Davis:

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

1. Under the "First Aid" statement make the following change:

"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.

Submit one (1) copy of your final printed labeling before you release the product for shipment. The amended labeling supersedes all previously accepted ones. A stamped copy of the labeling is enclosed for your records.

Sincerely,

Jim Tompkins  
Product Manager (25)  
Herbicide Branch  
Registration Division (7505C)

Enclosure

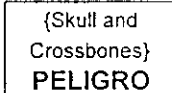
CONCURRENCES

SYMBOL ▶	7505C							
SURNAME ▶	MINOR, E.							
DATE ▶	Aug 6, 2001							

# MARMAN PARAQUAT CONCENTRATE

For Formulation of Paraquat Herbicide Products  
NEVER PUT INTO FOOD OR DRINK CONTAINERS  
KEEP OUT OF REACH OF CHILDREN

DANGER



POISON

See below for additional precautionary statements.

**Active Ingredient:**

Paraquat dichloride (1,1'-dimethyl-4,4'-bipyridinium ion)..... 43.5%

**Other Ingredients** ..... 56.5%

Total ..... 100.0%

Contains 3 lbs. paraquat cation per gallon.

U.S. Patent No. 2,972,528

Net Contents: \_\_\_\_\_ lb.

Gross Weight: \_\_\_\_\_ lb.

EPA Reg. No. 48273-6

EPA Est. 48273-FL-1

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

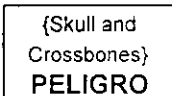
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## PRECAUTIONARY STATEMENTS Hazards to Humans

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

48273-6

DANGER



POISON

Fatal if inhaled. May be fatal if swallowed. Harmful if absorbed through skin. Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Do not breathe plant dusts. Avoid contact with skin. **Important:** Inhalation is an unlikely route of exposure due to low vapor pressure but mucosal irritation or nose bleeds may occur. Prolonged contact with skin can cause irritation.

### First Aid

<b>If Inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If Swallowed</b>	<ul style="list-style-type: none"> <li>• Immediately induce vomiting by touching back of throat with finger.</li> <li>• Drink 1 or 2 glasses of water and induce further vomiting.</li> <li>• Immediately call a poison control center or doctor for treatment advice and get to a medical facility fast.</li> <li>• If person is unconscious do not give anything by mouth and do not induce vomiting.</li> </ul>
<b>If on Skin or Clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Immediately rinse skin with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in Eyes</b>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

**Note to Physician:** Call Zeneca's medical emergency information network at 1-800-327-8633 (1-800-F-A-S-T-M-E-D) at any hour to obtain toxicology and medical management consultation and paraquat analyses. Prompt treatment is essential and must be initiated immediately before signs and symptoms appear. Symptoms are prolonged and painful and may be delayed for days after swallowing. Treatment may include binding paraquat in the gut with suspensions of clay or charcoal and/or removal of paraquat from the blood by prolonged charcoal hemoperfusion or continuous hemodialysis. Probable mucosal damage may contraindicate the use of gastric lavage.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. [You may also call 1-800-xxx-xxxx for emergency medical treatment information.]

{Note: The first aid statements' grid format will be used if market label space permits; otherwise a paragraph format will be used.}

**Environmental Hazards**

This pesticide is toxic to wildlife. Birds and other wildlife in contaminated areas may be killed. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your state water board or regional office of the EPA.

**For a chemical emergency such as a spill, leak, fire or accident call CHEMTREC at 1-800-424-9300.**

**Physical or Chemical Hazards**

This product reacts with aluminum to produce hydrogen gas that 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 or systems made of aluminum or having aluminum fittings.

**Equipment/Containers:** Paraquat is corrosive to aluminum. Aluminum equipment and structures that are exposed to solution or spillage should be thoroughly flushed with water immediately after use.

**DIRECTIONS FOR USE**

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

**Only for Formulation Into a Herbicide for the Following Uses**

**Terrestrial Food:** Alfalfa, Almonds, Asparagus, Beans (Dry), Cacao, Cassavas, Chemical Fallow, Clover and Other Legumes, Corn (Pop, Field and Sweet), Cotton, Easter Lilies, Fallow Land, Grasses (for Seed), Garlic, Guar, Guava, Hops, Lentils, Mint, Onions (Seeded), Passion Fruit, Pastures, Peanuts, Pigeon Peas, Pineapple, Potato, Rice, Safflower, Small Fruits, Small Grains, Sorghum (Grain), Soybeans, Sugar Beets, Sugar Cane, Sunflower, Taniers, Taro (Dryland), Trees and Vines, Tyfon, Vegetables and Yams.

**Terrestrial Nonfood:** Conservation Compliance Lands, Conservation Reserve Lands, Federal Set-Aside Lands, Grasses Grown for Seed and Resin Soaking (Pines).

This product may be used to formulate products for additional use(s) not listed on this label if the formulator, user group or grower has complied with U.S. EPA submission requirements regarding support of such use(s).

**Storage and Disposal**

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

**Storage:** Do not store next to feed or food or transport in or on vehicles containing foodstuffs and feed. Store at temperatures above 32°F.

**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). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

**Notice to Buyer and User:** Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Seller, and Buyer and User assume the risk of any such use. **Seller disclaims all other warranties, express or implied, including any warranty of fitness or merchantability. Seller shall not be liable for consequential, special or indirect damages resulting from the use or handling of this product and seller's sole liability and buyer's and user's exclusive remedy shall be limited to the refund of the purchase price.**

**MARMAN USA, INC.**  
P.O. Box 22829  
Tampa, FL 33622-2829

[ ] Denotes alternate/optional language  
{ } Denotes language that does not appear on the market labeling