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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
11515-29

Date of Issuance:
AUG 17 1998

NOTICE OF PESTICIDE:
Registration
X Reregistration

Term of Issuance:
Unconditional

Name of Pesticide Product:
Superior No. 401 Water
Plant Killer

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Superior Manufacturing Corp.
14288 Meyers Rd.
Detroit, MI 48227

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Diquat Dibromide Reregistration Eligibility Decision (RED) document, EPA has reregistered the product listed above. Enclosed is a copy of your label stamped "Accepted" This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain registration of your product.

Signature of Approving Official:

Date:
AUG 17 1998

EPA Form 8570-6

RD:STANTON:PM Team 23:Rm. 237:CM-2:305-5218:Disk #8:11515-29.rre

CONCURRENCES

SYMBOL ▶	7505C						
SURNAME ▶	S. Stanton						
DATE ▶	Aug 13, 1998						

EPA Form 1320-1 (12-70)

OFFICIAL FILE COPY

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(Front Panel)

SUPERIOR NO. 401 WATER PLANT KILLER

A Contact, Non-selective Vegetation Killer for the Control of Broadleaf Weeds, Grasses and Aquatic Weeds

ACTIVE INGREDIENT:

Diquat Dibromide [6,7-dihydrodipyrido (1,2-a: 2', 1'-c) pyrazinedium dibromide]* 1.85%

INERT INGREDIENTS 98.15%

*Contains 0.083 Diquat Cation per gallon as 0.155 pounds Salt per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

Statement of Practical Treatment

IF ON SKIN: Wash with plenty of soap and water. Get medical attention. **IF IN EYES:** Flush eyes with plenty of water. Call a physician if irritation persists.

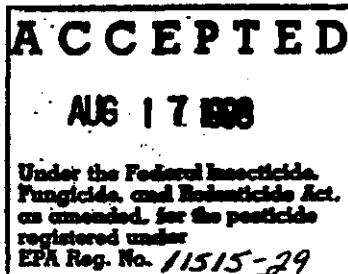
See left panel for additional precautionary statements.

This product is a herbicidal chemical which, when used as directed, will kill most all forms of plant growth without damage to the soil. Absorption and herbicidal action are usually quite rapid with effects visible in a few days. This product is inactivated on contact with soil.

Sold By:
Superior Manufacturing Corporation
14288 Meyers Road
Detroit, Michigan 48227

EPA Reg. No. 11515-29
EPA Establishment No. 11515-MI-1

Net Contents ###



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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin and clothing. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT: Applicators and other handlers must wear coveralls over long-sleeved shirt and long pants, waterproof gloves (chemical-resistant, Category A), chemical-resistant footwear plus socks, a chemical-resistant apron when cleaning equipment, mixing or loading, and a dust/mist filtering respirator (MSHA/NIOSH approval prefix TC-21C). Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should 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 pesticide is toxic to aquatic invertebrates. Do not apply directly to water except as specified on this label. 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 wash water or rinsate. Do not use treated water for animal consumption, spraying or irrigation within 14 days after treatment. Treatment of dense weed areas can result in oxygen loss from decomposition of dead weeds. This loss can cause fish suffocation. Therefore, treat only 1/3 to 1/2 of the dense weed areas at a time and wait 14 days between treatments. Consult your State Fish and Game agencies before applying this product to public waters. Check with state authorities for necessary permits.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its label. Do not apply this product in a way that will contact workers or other persons, either directly or indirectly through drift. Only protected handlers may be in the area during application. **ENTRY RESTRICTIONS:** For 4 days following applications to non-crop areas (other than aquatic or residential sites), do not allow employees to have contact with the treated plants, except for contact with their footwear. For spot treatments to residential sites, do not allow people or pets to touch treated plants until sprays have dried.

USES:

1. General weed control in non-crop areas. Controls broadleaf weeds, brush and grasses. Kills most every type of plant life on contact . . . it kills through the leaves only.
2. General weed control in shrub areas. Chemical will not injure desirable plants as long as sprays do not come in contact with leaves of those plants. Chemical becomes inactive on contact with soil; therefore, plant roots do not take up chemical and chemical does not build up and become toxic at a later date.

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3. Spot weed control in lawns and other areas - will kill undesirable grasses in lawns if these grasses are spot sprayed.
4. General vegetation control around buildings and other installations, ornamental gardens, walkways, patios, storage areas, beneath greenhouse benches, fence lines, golf courses, parkways, driveways, sand traps, and similar areas where any type of vegetation is undesirable.
5. Aquatic weed control. Both surface and subsurface, in ponds, lakes and drainage ditches.

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AQUATIC USE DIRECTIONS: For application only to ponds, lakes, and drainage ditches where there is little or no outflow of water and which are totally under the control of the product's user. Do not use the treated water for animal consumption, spraying, irrigation or domestic purposes for 14 days after treatment.

Aquatic Weeds (infesting ponds, lakes, drainage ditches)

Water Treatments	PPM**
*Algae (Spirogyra and Pithophora spp.)	1/2
Bladderwort (Ultricularia spp.)	1/4 to 1/2
Coontail (Ceratophyllum demersum)	1/2
Elodea (Elodea spp.)	1/2
Najad (Najas spp.)	1/4
*Pondweed (Potamogeto spp.)	1/2
Watermilfoil (Myriophyllum spp.)	1/4 to 1/2

*Repeat application may be necessary under conditions of heavy infestations or where reinfestation may readily occur from seed, fragmentation or escapes. **This product cation by weight (see dilution chart).

Make application from a boat or other suitable craft, either by injecting this product below the water surface, or by pouring it directly from the container into the water while moving slowly over the water surface. Apply early season before weed growth has reached the surface. Do not apply to muddy water, and do not agitate the water excessively with outboard motor or injection equipment during application. Wash sprayer immediately after application with detergent and water, then rinse with clear water.

DILUTION CHART

Depth of water (feet)	Gallons	Use per acre at indicated PPM cation (by wt.)			
		1/4 ppm	1/2 ppm	1 ppm	1 1/2 ppm
1	7 gal.	14 gal.	28 gal.	42 gal.	
2	14 gal.	28 gal.	56 gal.	84 gal.	
3	21 gal.	42 gal.	84 gal.	126 gal.	
4	28 gal.	56 gal.	112 gal.	168 gal.	
5	35 gal.	70 gal.	140 gal.	201 gal.	

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FOLIAR SPRAY TREATMENTS

Amount /Acre

Salvinia (<i>Salvinia Rotundifolia</i>)	10 to 15 gal.
Water hyacinth (<i>Eichhornia crassipes</i>)	10 to 15 gal.
Water lettuce (<i>Pistia strationites</i>)	10 to 15 gal.

Foliar Spray Treatments should be applied in sufficient water (50 to 150 gallons per acre) to thoroughly wet foliage. As the season progresses and vegetation increases in mass, the higher dosages indicated should be used and more uniform distribution is necessary. Local conditions may affect the use of this chemical. Consult your Agricultural Experiment Station or Extension Service Weed Specialist for specific recommendations. Do not apply at rates higher than specified on this label. Check with state authorities for necessary permits.

NON-CROP OR NON-PLANTED AREAS: To kill above ground weed growth around buildings and other installations, ornamental gardens, walkways, patios, beneath greenhouse benches, fence lines, golf courses, parkways and driveways for the control of undesirable broadleaved and grass type weeds. Apply 2 gallons per 20 gallons of water (12.8 ounces per gallon of water). Apply for full coverage and thorough weed contact. Apply preferably to young growth and up to seeding of weeds. Repeat applications as necessary to maintain control, particularly on grasses and established weeds. Avoid spray contact with foliage of food crops or ornamental plants. Do not water treated areas for 24 to 36 hours after application.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal. Open dumping is prohibited.

PESTICIDE DISPOSAL: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to applicable federal, state or local procedures.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer to 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.

WARRANTY

Superior Manufacturing warrants that the product conforms to the description on the label and is reasonably fit for the purposes set forth on the label when used according to directions under normal use conditions, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions; the buyer assumes the risk of any such uses.