

ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.
7969-57

DATE OF ISSUANCE
AUG 24 1987

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT
Ronilan Manufacture Concentrate

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

BASF Corporation
Chemicals Division
100 Cherry Hill Road
P.O. Box 181
Parsippany, NJ 07054

198113
176
10/14

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 7969-57" to your label before you release the product for shipment.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Lois A. Rossi
Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (TS-767C)

Enclosures

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL _____ DATE _____

RONILAN^R
Manufacturers' Concentrate

AUG 24 1987

Under the Federal Insecticide,
Fungicide and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 7969-57

A solid technical product to be used for formulating Ronilan^R fungicides.

ACTIVE INGREDIENT

Vinclozolin (3-(3,5-Dichlorophenyl)-5-ethenyl-5-methyl-2,4-oxazolidinedione) 96%

INERT INGREDIENTS. 4%

CAUTION

HAZARDS TO HUMANS

Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

STATEMENT OF PRACTICAL TREATMENT

If in eyes, flush eyes immediately with water for 15 minutes.

If on skin, wash with plenty of soap and water. Remove contaminated clothing and launder before reuse. Get medical attention.

ENVIRONMENTAL HAZARDS

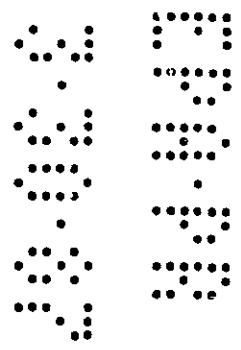
Do not discharge effluent containing this product directly into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage treatment authority. For guidance, contact your State Water Board or Regional Office of the Environmental Protection Agency.

EPA REGISTRATION NUMBER 7969-LT

EPA ESTABLISHMENT NUMBER 7969-WG-01

NET WEIGHT 20 KILOGRAMS (44.1 POUNDS)

Made in West Germany



DIRECTIONS FOR USE

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

Refer to Technical Leaflet: Vinclozolin techn. "Intermediate for Manufacturing Use" for formulating and other information.

Formulators are responsible for obtaining EPA registration for end use products.

STORAGE AND DISPOSAL

Store in cool dry place, and keep bags closed when not in use.

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

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

IN CASE OF EMERGENCY

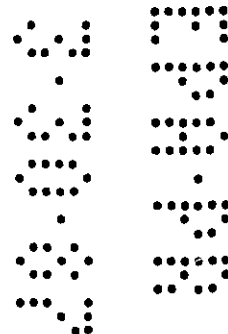
In Case of Medical Emergency Regarding This Product,

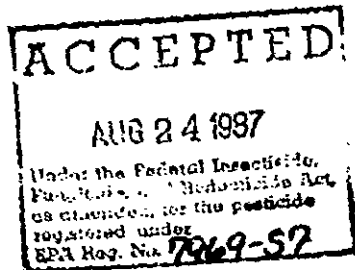
Call: 1. Your Local Doctor for Immediate Treatment.
2. Your Local Poison Control Center (Hospital).
3. BASF 201-263-3400 (Collect).

In Case of Large Scale Spillage Regarding This Product: Avoid contact, isolate area and keep out unprotected persons. Confine spill and call:

Chemtrec 800-424-9300
BASF 201-263-3400 (Collect)

BASF Corporation
Chemicals Division
100 Cherry Hill Road
Parsippany, NJ 07054





Vinclozolin techn. is a solid with weak aromatic specific odour. It is a contact fungicide for the control of botrytis and for the control of sclerotinia (watery soft rot). Vinclozolin techn. is intended only for the use in the formulation and / or compounding industry.

Physical and chemical properties of active ingredient

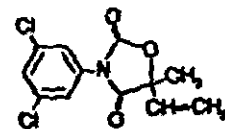
Common name:

Vinclozolin

Chemical name:

3-(3,5-dichlorophenyl)-5-ethenyl-2-methyl-2,4-oxszolidinedione

Chemical structure:



Empirical formula:

$C_{12}H_9Cl_2NO_3$

Molecular weight:

286,1

Melting point :

106 - 108 °C

Solubility of the pure active ingredient:
(g compound in 100 g solvent at 20° C)

water	< 0,1	acetone	43,5
ethylether	6,3	ethylacetate	25,3
ethyl alcohol	1,4	cyclohexane	0,9
chloroform	31,9	benzene	14,6
		olive oil	appr. 1,5

Specification of Vinclozolin techn.

Aggregation:	solid
Active ingredient content:	min. 96 % w/w
Colour:	white
Odour:	weak aromatic specific odour
Bulk density:	appr. 640 g/l loose (WHO-meth.) appr. 900 g/l compact (WHO-meth.) appr. 830 g/l BASF-method

Packing

20 kg paper bags

Storage

Storage capability

At least two years in our un-
opened, undamaged original con-
tainers under normal conditions.

Storage

Store in cool dry place and keep
bags closed when not in use

Precautions

Keep out of reach of children. Do not use in combination with other chemicals.

Avoid contact with skin, eyes, or clothing. Wash thoroughly after handling. Wear protective clothing when handling the Vinclozolin tech.

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

Wastes resulting from the use of this product may be disposed on site or at an approved waste disposal facility. Dispose empty bags in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Do not reuse container.

Do not contaminate water by cleaning of equipment or disposal of wastes.

Stability

Stable in neutral and acidic systems. Decreased stability with increasing pH value. At temperatures up to 50°C the technical active ingredient is stable for at least 2 years.

Directions for use

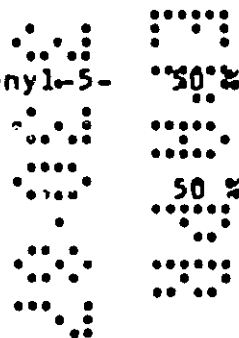
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Specific concentration recommendations
i.e.

- Ronilan^R fungicide 50 W
(wetable powder)

Active ingredient: 3-(3,5-dichlorophenyl)-5-ethenyl-5-methyl-2,4-oxazolidinedione

Inert ingredients:



Ronilan[®] FL fungicide
(flowable)

Active ingredient: 3-(3,5-dichlorophenyl)-5-ethenyl-5-methyl-2,4-oxazolidinedione 41,3 %

Inert ingredients: 58,7 %

Toxicity

Vinclozolin tech. acute oral DL 50 (rat) > 10.000 mg/kg
 acute dermal LD 50 (rat) > 2.500 mg/kg
 not irritating, but may have sensitizing effects
 the product is slightly toxic to fish.

Registration

Law requires that each formulator or compounder using Vinclozolin techn. must provide data to support the registration for his formulated and / or compounded product.

