

pm 33

5383-90

12/8/97

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401

"M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
5383-90

Date of Issuance:
DEC 08 1997

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Term of Issuance:

Name of Pesticide Product:
Troysan 186 Formula II

Name and Address of Registrant (include ZIP Code):

Troy Corporation
One Avenue L
Newark, NJ 07105

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.

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

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c) (5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Add the phrase EPA Registration Number "EPA Reg. No. "5383-90".

Signature of Approving Official:

Marshall Swindell
Acting Product Manager 33
Regulatory Management Branch 1
Antimicrobial Division (7510W)

Date:

DEC 08 1997

EPA Form 8570-6

CONCURRENCES

SYMBOL	SURNAME	DATE					

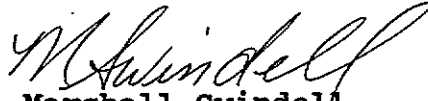
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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

If you have any questions concerning this letter, please contact Tony Kish at (703) 308-9443.

Sincerely,



Marshall Swindell
Acting Product Manager 33
Regulatory Management Branch 1
Antimicrobial Division (7510W)

Enclosure

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
(AND DOMESTIC ANIMALS)
DANGER**

CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. WEAR GOGGLES, SAFETY GLASSES OR FACE SHIELD AND RUBBER GLOVES WHEN HANDLING. AVOID BREATHING VAPORS OR SPRAY MIST. DO NOT USE THIS PRODUCT IN A WAY THAT WILL CONTACT WORKERS OR OTHER PERSONS. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR CLEANING/ MAINTAINING PERSONAL PROTECTIVE EQUIPMENT. IF THERE ARE NO SUCH INSTRUCTIONS FOR WASHABLES, USE DETERGENT AND HOT WATER. KEEP AND WASH PERSONAL PROTECTIVE EQUIPMENT SEPARATELY FROM OTHER LAUNDRY. USERS SHOULD WASH HANDS BEFORE EATING, DRINKING, CHEWING GUM, USING TOBACCO, OR USING TOILET FACILITIES. USERS SHOULD REMOVE CLOTHING IMMEDIATELY IF THE PESTICIDE GETS INSIDE. THEN WASH THOROUGHLY AND PUT ON CLEAN CLOTHING.

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: HOLD EYELIDS OPEN AND FLUSH WITH A STEADY, GENTLE STREAM OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION

IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

IF SWALLOWED: CALL A DOCTOR OR GET MEDICAL ATTENTION. DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DRINK PROMPTLY A LARGE QUANTITY OF MILK, EGG WHITES, GELATIN SOLUTION. OR, IF THESE ARE NOT AVAILABLE, DRINK LARGE QUANTITIES OF WATER. AVOID ALCOHOL.

IF INHALED: REMOVE VICTIM TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION PREFERABLY MOUTH TO MOUTH. GET MEDICAL ATTENTION.

NOTE TO PHYSICIAN: PROBABLE MUCOSAL DAMAGE MAY CONTRAINDICATE THE USE OF GASTRIC LAVAGE. MEASURES AGAINST CIRCULATORY SHOCK. RESPIRATORY DEPRESSION, AND CONVULSION MAY BE NEEDED.

ENVIRONMENTAL HAZARDS

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 CLEANING EQUIPMENT OR DISPOSING OF EQUIPMENT WASHWATERS. DO NOT DISCHARGE EFFLUENT CONTAINING THIS PRODUCT INTO LAKES, STREAMS, PONDS, ESTUARIES, OCEANS, OR OTHER WATERS UNLESS IN ACCORDANCE WITH THE REQUIREMENTS OF AN ANATIONAL 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.

**TROYSAN® 186
FORMULA II**

**IN-CAN-PRESERVATIVE AGAINST BACTERIA
IN LATEX PAINTS, RESIN EMULSIONS AND
CUTTING OILS.**

**E.P.A. REG. NO. 5383-
E.P.A. ESTAB. NO 5383-NJ-1**

**ACTIVE INGREDIENTS:
4,4-DIMETHYLOXAZOLIDINE.....68.0%
INERT INGREDIENTS:.....32.0%
TOTAL:.....100.0%**

**KEEP OUT OF REACH OF CHILDREN
DANGER**

**SOLD FOR INDUSTRIAL USE
ONLY**

**See Side Panel for Additional Precautionary
Statements**



**TROY CHEMICAL CORPORATION
ONE AVENUE L, NEWARK, NJ 07105**

® TROYSAN IS A REGISTERED TRADEMARK OF THE TROY CHEMICAL CORPORATION

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

APPLICATION:

TROYSAN 186 FORMULA II IS SOLD FOR INDUSTRIAL USE ONLY. IT SHOULD BE USED ONLY IN AREAS LISTED IN ACCORDANCE WITH THE INSTRUCTIONS PROVIDED IN THE TECHNICAL DATA SHEET.

STORAGE AND DISPOSAL

PESTICIDE STORAGE:

DO NOT STORE AT FREEZING TEMPERATURES FOR PROLONGED PERIODS.

PESTICIDE DISPOSAL:

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

PESTICIDE WASTES ARE 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) AND OFFER FOR RECYCLING OR RECONDITIONING, OR PUNCTURE AND DISPOSE OF IN A SANITARY LANDFILL. OR BY OTHER PROCEDURES APPROVED BY STATE AND LOCAL AUTHORITIES.

PHYSICAL AND CHEMICAL HAZARDS

COMBUSTIBLE. DO NOT USE, SPILL OR STORE NEAR HEAT OR OPEN FLAME. TROYSAN 186 FORMULA II IS STRONGLY ALKALINE.

NET WEIGHT

**ACCEPTED
with COMMENTS
in EPA Letter Dated:**

DEC 08 1997

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, 12/97 registered under EPA Reg. No.

4-7883-91



TROYSAN® 186 FORMULA II

Broad spectrum bactericide
for aqueous systems
E.P.A. Registration No. 5383-

ACCEPTED
with COMMENTS
in EPA Letter Dated:

DEC 08 1997

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No.
5383-90

DESCRIPTION

Troysan® 186 Formula II is a liquid, water soluble organic preservative, designed for use in aqueous based systems such as latex paints, resin emulsions, pigment slurries, dispersed colors, joint cements, adhesives (that do not contact food or food packaging) and metal working fluids.

Troysan® 186 Formula II is effective against a broad spectrum of micro-organisms. The organisms listed are representative of the gram positive and gram negative organisms against which Troysan® 186 Formula II has demonstrated bactericidal efficacy:

<u>Organisms</u>	<u>MIC (ppm)*</u>
<i>Bacillus subtilis</i>	150-250
<i>Desulfovibrio desulfuricans</i>	10-30
<i>Enterobacter aerogenes</i>	150-250
<i>Escherichia coli</i>	150-250
<i>Proteus vulgaris</i>	250-500
<i>Pseudomonas aeruginosa</i>	150-250
<i>Pseudomonas fluorescens</i>	150-250
<i>Staphylococcus aureus</i>	150-250
<i>Streptococcus faecalis</i>	150-250
<i>Aspergillus niger</i>	250-500
<i>Cladosporium sp</i>	500-1000
<i>Penicillium sp</i>	250-500

*Minimum Inhibitory Concentration (MIC) is the lowest level at which bacterial growth is inhibited. These values are used for basic evaluation of microbiological properties only. Levels of Troysan® 186 Formula II required under actual use conditions are generally higher.

ADVANTAGES

- Non yellowing
- Cost effective
- Broad spectrum activity
- Ease of incorporation
- Long lasting efficacy

APPLICATION

The actual level of Troysan® 186 Formula II required for optimum effectiveness in your product is determined by the individual composition and end use pattern of the final system. For systems where water is a primary component, Troysan® 186 Formula II will generally impart preservative properties at use levels of 0.1% - 0.3% on a weight to weight basis (0.016 to 0.048 ounces per pound of product to be protected) based on the finished formulation weight. Technical assistance is available from Troy's Technical Service laboratories to assist you in determining the optimum level of Troysan® 186 Formula II needed in your specific end use formulation.

Troysan® 186 Formula II is a liquid product that can be added to the production material at any point in the manufacturing process. It is not recommended for use in systems with a pH below 7.

COMPOSITION AND TYPICAL PHYSICAL PROPERTIES:

Active Ingredient: 4,4-Dimethyloxazolidine:.....	68.0%
Appearance:.....	Clear, pale amber liquid
Color (Gardner):.....	3 Max
Specific Gravity (@ 25°C):.....	0.984 - 1.005
Lbs./Gal. (@ 25°C):.....	8.2 - 8.4
Viscosity (Gardner @ 25°C):.....	A3 - A5
pH (@ 25°C):.....	10.7 - 11.7
Odor:.....	Amine type
Solubility:.....	Completely soluble in water

NOTE: The above typical properties are not to be considered as purchase specifications.

504.00 (012/97)

TROY Corporation makes no warranty, whether expressed or implied, including warranties of merchantability or of fitness for a particular purpose for these products. No statements or recommendations contained herein are to be construed as inducements to infringe any relevant patent, now or hereafter in existence. Under no circumstances shall TROY Corporation be liable for incidental, consequential or other damages from alleged negligence, breach of warranty, strict liability or any other theory arising out of the use or handling of these products. The sole liability of TROY Corporation or TROY Chemical Corporation for any claims arising out of the manufacture, use or sale of its products shall be for the buyer's purchase price. Customers should conduct their own tests before using any product. TROY Chemical Corporation is a wholly owned subsidiary of TROY Corporation.

HANDLING AND STORAGE

Troysan® 186 Formula II is strongly alkaline and may cause eye damage and skin irritation. Use proper precautions and handling procedures to avoid getting this material in the eyes or on the skin. Wear goggles or face shield and rubber gloves when handling.

This product may be harmful or fatal if swallowed. Avoid contamination of food.

Do not use or store near heat or open flame.

FIRST AID

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash all contaminated clothing before reuse. See product label and MSDS for statement of practical treatment, storage and disposal instructions.

PACKAGING

Troysan® 186 Formula II is packaged in:
55 gallon drums.....(450 lbs. net)
15 gallon drums.....(100 lbs. net)
5 gallon pails.....(40 lbs. net)

186 (12/97)

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Troysan®, Polyphase®, Trokyd®, Troythix™, Troysol™, Troymax™, Troysperse™, Unifilm®, Powermax™ and TroyGuard™ are Trademarks of Troy Corporation

ACCEPTED with COMMENTS in EPA Letter Dated:

DEC 08 1997

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 5383-50

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