



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

Stephen L. Longacre, Ph.D.
Rohm and Haas Company
100 Independence Mall West
Philadelphia, PA 19106-2399

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Karathane Technical
EPA Registration No. 707-95
Amendment dated February 13, 2001 to limit use only for
ornamentals in commercial greenhouses.

APR 17 2001

Dear Dr. Longacre:

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

1. Under the heading "Hazards To Humans and Domestic Animals" correct the last sentence to read "Do not get in eyes, on skin, or on clothing".
2. The statement on page 2 after the "Directions for Use" stating "FOR MANUFACTURING AND FORMULATION INTO FUNGICIDES/MITICIDES ONLY FOR USE ON ORNAMENTALS IN COMMERCIAL GREENHOUSES ONLY" needs to be placed on the front page of the label and corrected to read "FOR MANUFACTURING AND FORMULATION INTO FUNGICIDES/MITICIDES ONLY FOR USE ON ORNAMENTALS IN COMMERCIAL GREENHOUSES".

Submit two copies of your final printed labeling before you release the product for shipment. A stamped copy of the labeling is enclosed for your records.

Sincerely,

A handwritten signature in cursive script that reads "George Tompkins".

George Tompkins, Ph.D., Entomologist
Insecticide-Rodenticide Branch
Registration Division (7505C)

FOR MANUFACTURING/FORMULATION USE ONLY

**KARATHANE® TECHNICAL
FUNGICIDE AND MITICIDE**

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

APR 17 2001



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

707-95

ACTIVE INGREDIENTS

2,4-Dinitro-6-octyl* phenyl crotonate	}.....92.00%
2,6-Dinitro-4-octyl* phenyl crotonate	
Nitrooctyl* phenols (principally dinitro).....	0.50%
INERT INGREDIENTS	<u>7.50%</u>
TOTAL	100.00%

*A mixture of 1-methylheptyl, 1-ethylhexyl, and 1-propylpentyl isomers

EPA REG NO. 707-95

EPA EST. NO. 707-IT-01

Before using this product, read the entire First Aid, Precautionary Statements, Conditions of Sale and Warranty, Directions for Use, Use Restrictions and Storage and Disposal Instructions. If the Conditions of Sale and Warranty are not acceptable, return the product unopened within thirty days of purchase to the place of purchase. **USE OF THIS PRODUCT MAY BE HAZARDOUS TO YOUR HEALTH. THIS PRODUCT HAS BEEN DETERMINED TO CAUSE BIRTH DEFECTS IN LABORATORY ANIMALS.**

**KEEP OUT OF REACH OF CHILDREN
WARNING AVISO**

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.)

FIRST AID	
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. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
IF SWALLOWED	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have 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.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact Rohm and Haas Co. 215-592-3000 , day or night, for emergency treatment information.	
NOTE TO PHYSICIAN-	
Administer sedatives if necessary to control apprehension and excitement. Measures against hypotension, respiratory depression and convulsions may be necessary.	

WARNING

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed, absorbed through the skin or inhaled. Causes severe eye, skin, nose and throat irritation. May cause allergic skin reaction in susceptible individuals. Avoid breathing dust or spray mist. Do not get in eyes, or on skin, or on clothing.

Personal Protective Equipment (PPE)

Handlers must wear:

- Coveralls over short-sleeved shirt and short pants
- Socks
- Chemical resistant footwear
- Protective eyewear
- Chemical-resistant gloves made of any water-proof material
- Chemical-resistant apron

User Safety Recommendations

User/Handler should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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 product is toxic to fish. Do not discharge effluent containing this active ingredient 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 to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL AND CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

NOTE KARATHANE TECHNICAL is a viscous liquid. DO NOT heat above 90° F. (32° C).

If heating is necessary for ease of handling or pouring, DO NOT exceed 90° F (32° C) and DO NOT hold at this temperature for more than 48 hours to avoid possible explosive decomposition. Heating should be done in well ventilated containers and heating rooms. DO NOT use or store near heat or open flame.

DIRECTIONS FOR USE

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

It is the responsibility of the reformulator to supply data to EPA to support all claims listed on the reformulator's label covering all directions for use. Reformulator's should consult Rohm and Haas Company for formulation information

FOR MANUFACTURING AND FORMULATION INTO FUNGICIDES/MITICIDES ONLY FOR USE ON ORNAMENTALS IN COMMERCIAL GREENHOUSES ONLY.

NOTE: The only uses which Rohm and Haas supports with scientific data are those specifically listed above. ACCORDINGLY, NOTWITHSTANDING ANYTHING STATED OR IMPLIED TO THE CONTRARY ON THIS LABEL, ROHM AND HAAS MAKES NO WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO USE OF THIS PRODUCT FOR ANY USES OTHER THAN THOSE SPECIFICALLY LISTED ABOVE. ROHM AND HAAS EXPRESSLY DISCLAIMS LIABILITY FOR ANY CROP DAMAGE, FAILED EFFICACY OR OTHER DAMAGE INJURY, LOSS OR EXPENSE RESULTING FROM THE FORMULATION AND USE OF THIS PRODUCT FOR ANY USES OTHER THAN THOSE SPECIFICALLY LISTED ABOVE.

STORAGE AND DISPOSAL

STORAGE- Do not store at temperatures above 90°F.

PESTICIDE DISPOSAL- Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are toxic. Improper disposal of pesticides 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

BULK CONTAINERS: Drain thoroughly and return to specified destination for cleaning and reuse.

METAL CONTAINERS: Triple rinse (or equivalent). Then puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED- Eliminate ignition source. Ventilate area. Avoid breathing vapors. Contain spills immediately with inert materials (e.g. sand, earth).

Use approved self-contained breathing apparatus or air respirators for large spills in confined areas. Transfer spilled material into a suitable container for recovery or disposal.

Keep spill and cleaning runoff out of municipal sewers and open bodies of water. Refer to Precautionary statements.

KARATHANE® is a registered trademark of Rohm and Haas Company.

8644-R5

2/12/01