

891-181

9/24/2003

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September 24, 2003

Mary Anne W. Moore  
Process Engineer  
Hercules Incorporated  
1313 N. Market Street  
Wilmington, DE 19894-0001

Subject: Yarmor (R) 60 Pine Oil  
EPA Registration No. 891-181  
Application Date: August 25, 2003  
Receipt Date: August 26, 2003

Dear Ms. Moore:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with the conditions below:

**Proposed Amendment**

- Update label in accordance with PR Notice 2001-1
- Correction of Flammability Statement in accordance with 40 CFR 156.78(c)
- Movement of Environmental Hazards statement

**Conditions**

1. Revise the Precautionary Statements to read: "DANGER: Corrosive. Causes irreversible eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Harmful if swallowed or absorbed through skin. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse."

2. The Physical and Chemical Hazards statement must be located directly beneath the Environmental Hazards statement.

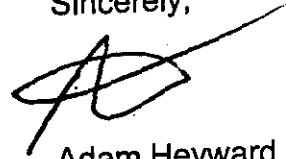
CONCURRENCES							
SYMBOL	75100						
SURNAME	E. Berg						
DATE	9-24-03						

**General Comments**

A stamped copy of the accepted labeling (with conditions) is enclosed. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions concerning this letter, please contact me at (703) 308-6422.

Sincerely,



Adam Heyward  
Product Manager (34)  
Regulatory Management Branch II  
Antimicrobials Division (7510C)

**CONCURRENCES**

SYMBOL  
SURNAME  
DATE

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# YARMOR<sup>TM</sup> 60 PINE OIL

Active Ingredient: Pine Oil ..... 99.5%  
 Inert Ingredient: Water ..... 0.5%

FOR FORMULATION OF DISINFECTANTS

NJRTK  
 Pine Oil:

CASRN: 8002-09-3

EPA Reg. No. 891-181  
 EPA Est. No. 891-GA-01

**DANGER!** KEEP OUT OF REACH OF CHILDREN.

CAUSES EYE AND SKIN DAMAGE. HARMFUL IF SWALLOWED.

PRECAUTIONAL STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Do not swallow. Avoid contamination of food, water, or tobacco. Wash thoroughly with soap and water after handling.

PHYSICAL OR CHEMICAL HAZARDS

COMBUSTIBLE LIQUID. Do not use or store near heat or open flame. Flashpoint (TCC) 140 ° F (60° C).

ENVIRONMENTAL HAZARDS

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.

**STORAGE AND DISPOSAL**

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

STORAGE: In case of freezing, product integrity can be restored by application of heat and agitation. Do not remove liquid from partially frozen container.

PESTICIDE DISPOSAL: Waste resulting from use of this product may be disposed of on-site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple-rinse with soap and water 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.

**DIRECTIONS OF USE**

It is a violation of Federal Law to use this product in a manner inconsistent with labeling. Yarmor 60 Pine Oil may not be used in formulation of products used on food crops. For more information concerning use or properties of Yarmor 60 Pine Oil, see Hercules MSDS(s) and bulletins R-103G, R-104D, and R-105E.

NOTICE: Formulators are advised that it is their responsibility to provide all supporting data to obtain their own registration from the EPA.

**FIRST AID**

**IF SWALLOWED:**

Immediately call a poison control center or doctor.

Do not induce vomiting unless told to do so by the poison control center or doctor.

Do not give any liquid to the person.

Do not give anything by mouth to an unconscious person.

**IF IN EYES:**

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:**

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:**

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.

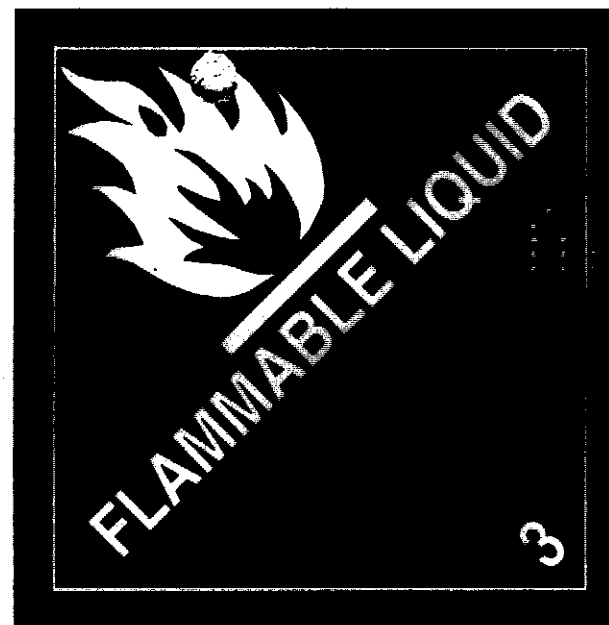
Call a poison control center or doctor for further treatment advice.

FOR EMERGENCY INFORMATION CALL 302-594-5000

Have product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information call 302-594-5000.

**NOTE TO PHYSICIAN:**

Probable mucosal damage may contraindicate use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.



PINE OIL - UN 1272

Labeled per 29 CFR and 40 CFR.

**HMSIS RATINGS:**

HEALTH	2
FLAMMABILITY	2
REACTIVITY	1

Read and understand the Material Safety Data Sheet (MSDS) before using this product. Proper disposal of this container is the responsibility of the purchaser.



Hercules Incorporated  
 Wilmington, DE 19894-0001  
 (302) 594-5000  
<http://www.herc.com>

LOT NUMBER

0000

DATE OF MANUFACTURE

(MM/DD/YY)

**WEIGHT**

Gross: 452 lbs  
 205 kg

Tare: 37 lbs  
 16.8 kg

Net: 415 lbs  
 188.2 kg

NOTICE: Empty containers contain flammable product and vapors. Avoid heat, flames, sparks, or other sources of ignition. Do not cut, weld, drill, or grind container prior to cleaning.

HER. 27355 REV. 8/21/03

ACCEPTED  
 with COMMENTS  
 EPA Letter Dated:

SEP 24 2003

Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act as  
 amended, for the pesticide,  
 registered under EPA Reg. No. 891-181

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