



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

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MAR 29 1983

PR Notice 83-3

NOTICE TO MANUFACTURERS, FORMULATORS
AND REGISTRANTS OF PESTICIDES

Attention: Persons Responsible for Federal Registrations of
Pesticides

Subject: LABEL IMPROVEMENT PROGRAM - Storage and Disposal
Label Statements

This Notice is to inform all registrants that the label of all products must include updated storage and disposal statements. No application for amended registration is required if you use the exact wording contained in this Notice.

Registrants wishing to propose alternate language for disposal statements, or wishing to make changes not specified in this Notice, must submit an application for amended registration (EPA Form 8570-1).

Background:

40 CFR 162.10 requires that pesticides bear appropriate storage and disposal label statements. However, many products bear statements that are inadequate or inconsistent with current disposal regulations under the Resource Conservation and Recovery Act. Since February 1981, the Office of Pesticide Programs has applied a uniform set of storage and disposal label instructions for new product registrations on a case-by-case basis. This notice is intended to assure that all products are consistent in meeting current storage and disposal requirements.

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2. Physical requirements of storage which might adversely affect the container of the product and its ability to continue to function properly. Requirements might include positioning of the container in storage, storage temperature, potential for breakage of glass, crushing or damage due to stacking, penetration of moisture, and ability to withstand shock or friction.
3. Specifications for handling the pesticide container, including movement of container within the storage area, proper opening and closing procedures (particularly for opened containers), and measures to minimize exposure while opening or closing container.
- ④ 4. Instructions on what to do if the container is damaged in any way, or if the pesticide is leaking or has been spilled, and precautions to minimize exposure if damage occurs.
5. General precautions concerning locked storage, storage in original container only, and separation of pesticides during storage to prevent cross-contamination of other pesticides, fertilizer, food, and feed.
6. General storage instructions for household products should emphasize storage in original container and placement in locked storage areas.

B. Pesticide Disposal Instructions:

The label of all products, except those intended solely for household use, must bear explicit instructions about pesticide disposal. The statements listed below contain the exact wording that must appear on the label of these products.

1. The labels of all products, except household use, must contain the statement, "Do not contaminate water, food, or feed by storage or disposal."

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C. Container Disposal Instructions

The label of each product must bear container disposal instructions appropriate to the type of container.

1. All products intended for household use must bear one of the following container disposal statements.

Container Type	Statement
Non-aerosol Products (bottles, cans, jars)	Do not reuse container (bottle, can, jars). Rinse thoroughly before discarding in trash.
Non-aerosol Products (bags)	Do not reuse bag. Discard bag in trash.
Aerosol Products	Replace cap and discard containers in trash. Do not incinerate or puncture.

2. The labels for all other products must bear container disposal instructions, based on container type, listed in Appendix A.

II. Time Frame for Compliance:

It is the responsibility of the registrant to ensure that the labels of their products, including distributor products, contain specific instructions pertaining to storage and disposal practices. Existing stocks of products in channels of trade prior to December 31, 1984, need not be relabeled. All products released for shipment on or after December 31, 1984, must meet the requirements of this Notice, or they will be deemed to be misbranded under FIFRA Section 2(q)(1)(G). Failure to revise product labeling in accordance with this Notice may result in the initiation of cancellation proceedings.

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APPENDIX A - CONTAINER DISPOSAL STATEMENTS

Container Type	Disposal Statements
Metal containers (non-aerosol)	Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.
Plastic containers	Triple rinse (or equivalent). Then offer for 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.
Glass containers	Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved State and local procedures.
Fiber drums with liners	Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused ¹ , dispose of in the same manner.
Paper and plastic bags	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.
Compressed gas cylinders	Return empty cylinder for reuse (or similar wording).

¹Manufacturer may replace this phrase with one indicating whether and how fiber drum may be reused.

"Acutely Hazardous" Commercial Pesticides (RCRA "E" List)
Active Ingredients continued:

Phenylmercuric acetate (PMA)
Phorate
Potassium cyanide
Propargyl alcohol
Sodium azide
Sodium cyanide
Sodium fluoroacetate
Strychnine and salts
O,O,C,C-Tetraethyl dithiopyrophosphate (sulfotepp)
Tetraethyl pyrophosphate
Thallium sulfate
Thiofanox
Toxaphene
Warfarin
Zinc phosphide

There are currently no inert ingredients for commercial pesticides on the "Acutely Hazardous" List (RCRA "E" List).

"Toxic" Commercial Pesticide Products (RCRA "F" List)
Active Ingredients:

Isobutyl alcohol
Lead acetate
Lindane
Maleic hydrazide
Mercury
Methyl alcohol
Methyl bromide
Methyl chloride
2,2'-Methylenebis (3,4,6-trichlorophenol) (hexachlorophene)
Methylene chloride
Methyl ethyl ketone
4-Methyl-2-pentanone (methyl isobutyl ketone)
Naphthalene
Nitrobenzene
p-Nitrophenol
Pentachloroethane
Pentachloronitrobenzene (PCNB)
Pentachlorophenol
Phenol
Phosphorodithioic acid, 0,0-diethyl, methyl ester
Propylene dichloride
Pyridine
Resorcinol
Safrole
Selenium disulfide
Silvex
1,2,4,5-Tetrachlorobenzene
1,1,2,2-Tetrachloroethane
Tetrachloroethylene
2,3,4,6-Tetrachlorophenol
Thiram
Toluene
1,1,1-Trichloroethane
Trichloroethylene
Trichloromonofluoromethane (Freon 11®)
2,4,5-Trichlorophenol
2,4,6-Trichlorophenol
2,4,5-Trichlorophenoxyacetic acid (2,4,5-T)
Xylene

WARRANTY STATEMENT

Vista Chemical Company
15990 N. Barker's Landing Rd.
Post Office Box 19029
Houston, Texas 77224

VISTA

ALFOL[®] 810 Alcohol

Active ingredients

n-octanol	45.1%
n-decanol	54.5%

Inert ingredient	0.4%
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DANGER: Corrosive. Causes eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. May be fatal if absorbed through the skin.

Keep out of reach of children. Keep out of lakes, streams, or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

FIRST AID: In case of contact, flush skin or eyes with plenty of water. For eye contact, call a physician. Remove and wash contaminated clothing before reuse. If swallowed, drink large quantity of water, milk, egg whites, or gelatin if available.

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

STORAGE AND DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. ~~Open dumping is prohibited.~~ If disposal is necessary, it should be in a landfill approved for pesticides or buried in a safe place away from water supplies.

Tank car's drain valves should be closed securely before returning to the manufacturer. ~~Reseal drums and offer for reconditioning, or triple rinse and offer for recycle, or dispose in approved landfill, or bury in a safe place.~~

~~Consult federal, state, or local disposal authorities for approved alternate procedures.~~

EPA Reg. No. 39496-1

EPA Est. ~~00-647-8047~~

Net _____ gal.

For Manufacturing Use Only

VVV 000015289

Vista Chemical Company
15990 N. Barker's Landing Rd.
Post Office Box 19029
Houston, Texas 77224

VISTA

ALFOL[®] 10 ALCOHOL

Active ingredient

n-decanol

99.3%

Inert ingredient

0.7%

DANGER!: Corrosive. Causes eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. May be fatal if absorbed through the skin.

Keep out of reach of children. Keep out of lakes, streams, or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

FIRST AID: In case of contact, flush skin or eyes with plenty of water. For eye contact, call a physician. Remove and wash contaminated clothing before reuse. If swallowed, drink large quantity of water, milk, egg whites, or gelatin if available.

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

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~~Consult federal, state, or local disposal authorities for approved alternate procedures.~~

EPA Reg. No. 39496-2

39496-LA-001
EPA Est. ~~08-647-0047~~

Net _____ gal.

For Manufacturing Use Only

VVV 000015290