



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

JAN 23 1990

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

133915  
SUSTAM CORPORATION  
8497 DUNWOODY PLACE  
ATLANTA GA  
30350

Dear Registrant:

SUBJECT: Voluntary Exposure Reduction Measures

The Agency has received proposed label amendments from all technical registrants of atrazine. These amendments are designed to reduce worker exposure and point-source ground water contamination primarily. The label amendments were voluntarily submitted and have been approved with the following revisions/comments. Although all proposed risk reduction measures have not been fully evaluated, the Agency feels these measures are a positive move in addressing potential risk. Atrazine is undergoing second round review and additional label changes may be required with the issuance of the registration standard.

A copy of the approved technical label is enclosed with a summary of the approved revisions presented below:

PRECAUTIONARY STATEMENTS:

I. Manufacturing Use products must have the following label statements:

This product can only be used to formulate products with agricultural and/or industrial weed control directions if the labeling for such end use products contains a restricted use classification and the following information and/or revised use directions.

If this product is used to formulate lawn care products with less than 2% atrazine active ingredient, the following restrictions do not apply.

II. Manufacturing Products with Agricultural and/or Industrial Weed Control Uses must have the following label statements:

"Users are required to wear long sleeve shirts and long pants or equivalent, chemical resistant gloves, and boots (waterproofed). In addition, persons involved in mixing/loading operations are required to use chemical resistant rubber or neoprene gloves and a face shield or goggles."

"Ground water contamination may be reduced by diking and flooring of permanent liquid bulk storage sites with an impermeable material."

"This product may not be mixed/loaded, or used within 50 feet of all wells including abandoned wells, drainage wells, and sink holes."

"Do not apply this product through any type of irrigation system."

"Postemergence application to corn and sorghum must be made before corn and sorghum reaches 12 inches in height." (Any other affected section of the label must also be revised to reflect revision in application rate).

"The maximum application rate for corn and sorghum is 3 lbs. a.i. per acre per calendar year. Applications for quackgrass suppression in corn and sorghum are restricted to a spring application only. No fall applications are permitted."

"Application rates to non crop land for industrial weed control cannot exceed a maximum of 10 lbs. active ingredient per acre per calendar year." (Any other affected section of the label must also be revised to reflect revision in application rate).

The Agency has developed the following schedule for label submission and approval:

- a. Registrants that have both technical products and end-use products, must submit end-use product labeling to EPA by 2/15/90.
- b. EPA will review the above end-use product labeling by 2/28/90.

- c. Registrants of technical products must submit the revised technical label for Agency record.
- d. Formulators of solely end-use products must submit revised labeling for their end use products by June 1, 1990 in order to give the Agency adequate time to process the above changes prior to the release for shipment date.
- e. All technical and end-use products released for shipment must have amended labels after September 1, 1990.

After September 1, 1990, no technical atrazine product may be released for shipment without the new labels. It will be considered a violation of the revised technical label to formulate end use products after that date which do not bear the new label. The Agency will not impose a requirement for relabeling of stocks in the channels of trade. Amended labels must be submitted to:

Robert J. Taylor, Product Manager  
 Document Processing Desk (H7504C)  
 Office of Pesticide Programs  
 U.S. Environmental Protection Agency  
 401 M Street, S.W.  
 Washington, D.C. 20460

If you have any questions regarding the revised label amendments, please contact Robert J. Taylor at (703) 557-1800.

Sincerely,



Anne Lindsay, Director  
 Registration Division (H7505C)

DRAFT

OXON ITALIA  
Atrazine Technical

EPA Reg. No. 35915-6  
EPA Est. No. 35915-IT-03

Net Contents:

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

A Herbicide for Formulating Use Only

JAN 23 1990

Active Ingredients:

Under the Federal Insecticide,  
Fungicide and Rodenticide Act as  
amended for the pesticide  
Reg. No. 35915-6

Atrazine (2-Chloro-4-(ethylamino)-6-isopropylamino-S-triazine.....	95%
Related active triazine compounds (minimum).....	2%
Inert Ingredients (maximum):	3%
Total:	100%

Keep Out of Reach of Children

CAUTION

Storage and Disposal

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

STORAGE:

Storage should be under lock and key and secure from access by unauthorized persons and children. Storage should be in a cool, dry area away from any heat or ignition source. May be ignited by heat or open flame.

Do not stack over 2 pallets high. Move bags carefully so as not to tear or puncture. Do not move containers from one area to another unless they are securely sealed. Keep container tightly sealed when not in use. Do not allow material to become wet or store in a damp, humid area. Keep away from any puncture source. Avoid storage near water supplies, food, feed and fertilizer to avoid contamination. Store in original container only. If the contents are leaking or material is spilled, follow these steps:

1. Collect and place in suitable containers for disposal.
2. Wash area with water and soap to remove remaining pesticide.
3. Follow washing with clean water rinse.
4. Do not allow run off to enter sewer or contaminate water supplies.
5. Dispose of waste as indicated below:

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

**Container Disposal:** Bags - completely empty bags into formulation 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.

**Fiberdrums with liners -** Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into formulation 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, dispose of in the same manner.

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Harmful if swallowed. Do not breathe dust or mist. Wash thoroughly with soap and water after handling and before eating or drinking. Remove contaminated clothing and wash before reuse.

##### STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

**IF SPLASHED IN EYES:** Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.

**IF SPILLED ON SKIN:** Immediately remove contaminated clothing, INCLUDING SHOES, and wash skin with soap and plenty of water. If irritation develops, send for a physician.

**IF INHALED:** Remove victim to fresh air.

##### ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic invertebrates. Do not discharge into lakes, streams, ponds, or public water unless in accordance with an NPDES permit. For guidance contact your Regional Office of EPA.

EPA Reg. No. 35915-6  
EPA Est. No. 35915-IT-03

DIRECTIONS FOR USE AND WARRANTY-CONDITION OF SALE

IMPORTANT: Read the entire Directions for Use and the Warranty-Condition of Sale before using this product.

WARRANTY-CONDITION OF SALE

Oxon warrants that this product conforms to its chemical description and is reasonably fit for the purposes referred to in the directions for use. Oxon makes no other warranties, express or implied, including FITNESS or MERCHANTABILITY. In no case shall Oxon or the seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. The foregoing is a condition of sale by Oxon Italia S.p.A. and is accepted as such by the Buyer.

No end use of this product other than formulating is intended or implied by the above Warranty-Condition of Sale.

DIRECTIONS FOR USE

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

Formulators are responsible for obtaining EPA registration for their end use product(s).

If this product is used to formulate products with agricultural and/or industrial weed control directions, the labeling for such end use products shall contain a restricted use classification and the following information and/or revised use directions.

- 1. Users are required to wear long sleeve shirts and long pants or equivalent, rubber gloves, and boots (water-proofed). In addition, persons involved in mixing/loading operations are required to use heavy-duty rubber gloves or neoprene gloves and a face shield or goggles.

- 2. 

RESTRICTED USE PESTICIDE  
(GROUND WATER CONCERN)

FOR RETAIL TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION, AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION.

THIS PRODUCT IS A RESTRICTED USE HERBICIDE DUE TO GROUND WATER CONCERNS. USERS MUST READ AND FOLLOW ALL PRE-CAUTIONARY STATEMENTS AND INSTRUCTIONS FOR USE IN ORDER TO MINIMIZE POTENTIAL FOR ATRAZINE TO REACH GROUND WATER.

- 3. All permanent liquid bulk storage sites should be diked and floored using an impermeable material.
- 4. A minimum 50 foot buffer area between any applications of this product and sink holes, abandoned wells, and drainage wells is required.
- 5. This product may not be mixed/loading, used, or disposed of within 50 feet of any well.
- 6. Postemergence application to corn and sorghum must be made before corn and sorghum reaches 12 inches in height.
- 7. The maximum application rate for corn and sorghum is 3 lbs. a.i. per acre per calendar year. Applications for quackgrass suppression in corn and sorghum are restricted to a spring application only. No fall applications are permitted.
- 8. Application rates to noncrop land for industrial weed control cannot exceed a maximum of 10 lbs. active ingredient per acre per year.

9. Do not apply this product through any type of irrigation system.

Oxon Italia  
Manufactured by  
OXON ITALIA S.p.a.  
Via Sempione, 195-20016 PERO  
MILANO-ITALY