

MATERIAL SAFETY DATA SHEET

CORNBELT ATRAZINE 4L

Van Diest Supply Co.
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FOR CHEMICAL EMERGENCY
SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT
CALL CHEMTREC - DAY OR NIGHT
1-800-424-9300

PRODUCT IDENTIFICATION

Common Name: Cornbelt Atrazine 4L
EPA Reg. No.: 11773-1

INGREDIENTS

		<u>TLV(ACGIH)</u>
Atrazine (2-chloro-4-ethylamino- 6-isopropylamino-s-triazine)	40.8%	10ppm
Related Compounds	2.2%	N/A
Inert Ingredients	57.0%	N/A

NATIONAL FIRE PROTECTION STANDARDS (NFPA 704)

(4=Extreme; 3=High; 2=Moderate; 1=Slight; 0=Insignificant)

Health - 2

Fire - 0

Reactivity - 0

HAZARDOUS CHEMICALS UNDER OSHA HAZARD COMMUNICATION STANDARD

Hazard Summary (As Defined by OSHA Hazard Comm. Standard, 29CFR 1910.1200):

Physical Hazards: None

Health Hazards: Overexposure may cause lethargy, muscular weakness, and possibly increased respiration rate or labored respiration.

Read the entire MSDS for a more thorough evaluation of the hazards.

WARNING STATEMENTS

Keep away from children. Do not get in eyes, on skin or on clothing. Do not store near fertilizers, seeds, insecticides or fungicides. Do not contaminate irrigation ditches or domestic water supplies.

PRECAUTIONARY STATEMENTS

CAUTION

Hazards to Humans (and Domestic Animals)

Harmful if swallowed, inhaled, or absorbed through skin. Do not breathe vapors or spray mist. Avoid contact with eyes, skin or clothing. Avoid application to humans or animals. Flagmen and loaders should avoid inhalation of spray mist and prolonged contact with skin.

Personal Protective Equipment:

Applicators and other handlers (other than mixers and loaders) must wear:

- *Long-sleeved shirt and long pants
- *Chemical-resistant gloves, such as neoprene
- *Chemical-resistant footwear plus socks

Mixers and Loaders must wear:

- *Long-sleeved shirt and long pants
- *Chemical-resistant gloves, such as neoprene
- *Chemical-resistant footwear plus socks
- *Protective eyewear

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

HEALTH HAZARDS AND FIRST AID

Eyes: Moderate irritation. No corneal injury likely.

First Aid: Flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

Skin Contact: Prolonged contact may cause moderate irritation. Repeated contact may cause drying and defatting.

First Aid: Wash with plenty of soap and water. Get medical attention.

Ingestion: Low in toxicity.

First Aid: Call a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water and induce vomiting only if instructed to do so by a poison control center or doctor. Do not induce vomiting or give anything by mouth to an unconscious person.

Inhalation: May cause irritation. Dusts, vapors, or mists may be toxic if produced.

First Aid: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

NOTES TO PHYSICIAN:

Eyes: May cause irritation. Stain for evidence of corneal injury.

Skin: Chronic exposure may cause defatting type of dermatitis. Treat as any contact dermatitis.

Respiratory: Dusts, vapors, or mists may be toxic if produced. Administer oxygen if available. Bronchodilators, expectorants, and antitussives may be of help. Chronic exposure may produce systemic injury.

Oral: May cause chemical pneumonitis if aspirated into lungs. If lavage is performed, suggest endotracheal and/or esophagoscopy control.

Systemic: No specific antidote. Treatment based on sound judgment of physician and the individual reactions of the patient. Consult standard literature.

FIRE PROTECTION INFORMATION

Flash Point: >200°F

Auto Ignition Temperature: N/A

Flammable Limits in Air % By Volume: Lower N/A; Upper N/A

Extinguishing Media: Dry chemical, foam, or carbon dioxide

Special Fire Fighting Procedures: Use standard organic chemical fire fighting techniques.

Unusual Fire and Explosion Hazards:

Fire fighters should wear standard gear including full face, self-contained breathing apparatus and rubber suits, boots and gloves. As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Evacuate nonessential personnel from the area. Irritating and possibly toxic gases can be generated. Water runoff can cause environmental damage.

PHYSICAL DATA

Boiling Point: N/A

Specific Gravity (H₂O=1): 1.11-1.12

Vapor Pressure (psi): N/A

Percent Volatile By Volume: N/A

Vapor Density (Air=1): N/A

Evaporation Rate (Butyl Acetate=1): N/A

Solubility in Water: Dispersible

Reactivity in Water: N/A

Appearance and Odor: White, mobile liquid, little to no odor

HANDLING AND STORAGE

Store the material in a well ventilated, secure area out of the reach of children and domestic animals. Do not store food, beverages, or tobacco products in the storage area. Prevent eating, drinking, tobacco use, and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

REACTIVITY DATA

Stability: Stable

Conditions to Avoid: N/A

Incompatibility (Materials to Avoid): N/A

Hazardous Decomposition Products: Can produce toxic gases at high temperatures

Hazardous Polymerization: Will Not Occur

Conditions to Avoid: N/A

Other: None

SPILL, LEAK & DISPOSAL INFORMATION

Steps To Be Taken in Case Material is Released or Spilled:

Avoid body contact. Dike spill. Remove liquid with vacuum truck or by pumping into salvage vessels. Soak up residue or small spill with absorbent, such as clay, and put into tight container. Keep product out of sewers and waterways.

Disposal Method: Dispose of in accordance with local, state and federal regulations.

SHIPPING INFORMATION

Compounds, Tree or Weed Killing, Liquid, N.O.I.

REGULATORY INFORMATION**Product Description:** Mixture; Liquid**311/312 Hazard Categories:**

Acute (immediate)

Delayed (Chronic)

313 Reportable Ingredients: Atrazine (40.8%); Ethylene Glycol (<6%)**Reportable Quantity:** 10,700 gallons**ADDITIONAL INFORMATION**

Prepared By: Van Diest Supply Co.

Date Prepared: November, 1985

Date Revised: 8-2007

The information, data, and recommendations in this material safety data sheet relate only to the specific material designated herein and do not relate to use in combination with any other material or in any process. The information, data, and recommendations set forth herein are believed by Van Diest Supply Co. to be accurate. Van Diest Supply Co. makes no warranties, either expressed or implied, with respect thereto and assumes no liability in connection with any use of such information, data and recommendations.

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