

MATERIAL SAFETY DATA SHEET

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SECTION I – GENERAL INFORMATION

TRADE NAME **ATRAZINE 90DF**
CHEMICAL NAME 2-Chloro-4-Ethylamino-6-Isopropylamino-S-Triazine (Atrazine)
CHEMICAL FAMILY Triazine
EPA REG. NO. 19713-76
SIGNAL WORD CAUTION

SECTION II – INGREDIENTS (Class = H (Hazardous), NH (Non-Hazardous))

NAME	CAS NO.	% (by wt.)	TLV	CLASS
Atrazine	1912-24-9	85.5	5 mg/m3	NH
Related Compounds	N/A	4.50	N/A	NH
Inerts	N/A	10.0	N/A	NH

SECTION III – PHYSICAL DATA

Boiling Point	N/A	Specific Gravity	N/A
Vapor Pressure	3.85E-02mPA @25°C %	% Volatiles	N/A
Vapor Density	N/A	Solubility in Water	33 mg/l @ 22°C
pH	7-10	Appearance/Odor	Beige solid, mild odor

(10% suspension in water)

SECTION IV – FIRE & EXPLOSION DATA

Flash Point N/A
Extinguishing Media Dry chemical, CO₂, water spray or foam
Fire Fighting Procedures In confined areas assure self contained breathing apparatus is worn. Prevent runoff if possible.

SECTION V – REACTIVITY DATA

Stability	Stable
Conditions to Avoid	Avoid storage at high temperatures.
Incompatibility	Avoid contamination with acids and alkalis.
Hazardous Decomposition Products	May include carbon monoxide, hydrogen cyanide, acetonitrile.
Hazardous Polymerization	Will not occur.

SECTION VI – HEALTH HAZARD DATA

Carcinogenicity Mammary tumors (female Sprague-Dawley rats), sex and strain specific. None observed (male Sprague-Dawley rats, F-344 rats or mice)

Toxicity Data Oral LD50 (Rat) = 1,600 mg/kg body weight
Dermal LD50 (Rabbit) – 10,200 mg/kg body weight

TLV 5 mg/m3
N.F.P.A. Health: 2, Fire: 0, Reactivity: 0
(Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)

Effects of Overexposure May cause irritation to skin and eyes, moderately toxic by ingestion.

SECTION VII – EMERGENCY PROCEDURES

If Swallowed: 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 or convulsing person.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes.

If in Eyes: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

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 treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Note to Physician: There is no specific antidote for atrazine. If this product is ingested, induce emesis or lavage stomach. The use of an aqueous slurry of activated charcoal may be considered.

SECTION VIII- SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill

Wear chemical safety glasses with side shields or chemical goggles, rubber gloves, rubber boots, long-sleeved shirt, long pants, head covering, and a NIOSH approved dust or pesticide respirator with dust prefilters. For small spills, sweep up, keeping dust to a minimum and place in an approved chemical container. Wash the spill area with water containing a strong detergent, absorb with approved absorbent material, sweep up and place in a chemical container. Seal the container and handle in an approved manner. Flush the area with water to remove any residue. Do not allow the wash water to contaminate water supplies.

Waste Disposal Method

Dispose of in accordance with Local, State, and Federal Regulations.

SECTION IX – SPECIAL PROTECTION INFORMATION

Respiratory Protection	NIOSH approved pesticide respirator
Ventilation	General recommended
Protective Gloves	Chemical-resistant gloves
Eye Protection	Chemical goggles or safety glasses with side shields
Other	Long-sleeved shirt and pants, rubber boots.

SECTION X – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling & Storage

KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.

Store in a dry, cool, well ventilated area away from food, feed or seed. Avoid contact with skin and eyes. Always wash thoroughly after handling.

D.O.T. Description	Non-Regulated
Freight Description	Agricultural Herbicide, Solid, N.O.S.
Reportable Quantity	N/A
E.R.G. Guide Sheet	N/A

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