

# MATERIAL SAFETY DATA SHEET

Drexel Chemical Co.  
1700 Channel Avenue  
Memphis, TN 38113  
(901) 774-4370

Emergency Telephone No.

1-800-424-9300 (ChemTrec)

## SECTION I – GENERAL INFORMATION

TRADE NAME	<b>ATRA-5</b>
CHEMICAL NAME	2-chloro-4-ethylamino-6-isopropylamino-1,2,5-triazine
CHEMICAL FAMILY	Triazine (Herbicide)
EPA REG. NO.	19713-80
SIGNAL WORD	CAUTION

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

<u>NAME</u>	<u>CAS NO.</u>	<u>% (by wt.)</u>	<u>TLV</u>	<u>CLASS</u>
Atrazine	1912-24-9	52.50	5mg/m <sup>3</sup>	NH
Related Compounds		0.98		
Inerts	N/A	46.52	N/A	NH

## SECTION III – PHYSICAL DATA

<u>Boiling Point</u>	103°C	<u>Specific Gravity</u>	1.124 gm/ml
<u>Vapor Pressure</u>	1.5 mm Hg @20°C	<u>% Volatiles</u>	N/A
<u>Vapor Density</u>	N/A	<u>Solubility in Water</u>	33ppm (Tech)
<u>pH</u>	6-8	<u>Appearance/Odor</u>	Light tan, odorless suspension

## SECTION IV – FIRE & EXPLOSION DATA

Flash Point	N/A
Extinguishing Media	Dry chemical or CO <sub>2</sub> , water
Fire Fighting Procedures	Wear full protective clothing and S.C.B.A.

## SECTION V – REACTIVITY DATA

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

## SECTION VI – HEALTH HAZARD DATA

Carcinogenicity	N/A
Toxicity Data	Acute dermal LD50 (Rabbit) greater than 5,000 mg/kg; acute oral LD50 1,075–1,886 kg/mg. Inhalation LC50 (rat) 2.38 mg/1 air 4-hrs. 5mg/m <sup>3</sup>
TLV	
N.F.P.A.	Health: 2, Fire: 0, Reactivity: 0 (Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)
Effects of Overexposure	Dermatitis, conjunctivitis, muscular weakness, hyperactivity, ptosis, dyspnea, convulsions.

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

**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. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Information Center at 1-800-853-7378.

**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  
Cover spill with absorbent material. Sweep up into disposable container. Wash area with detergent and water and follow with clear water. Do not allow to contaminate water supplies. Assure that protective equipment is worn.  
Waste Disposal Method  
Dispose of in accordance with Local, State, and Federal Regulations.

## SECTION IX – SPECIAL PROTECTION INFORMATION

Respiratory Protection	Not required for normal handling and use
Ventilation	Local Exhaust Normal Mechanical (Gen.) Preferred
Protective Gloves	Wear gloves as standard protection
Eye Protection	Chemical goggles
Other	Use clothing and other equipment consistent with pesticide handling procedures

## SECTION X – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling & Storage  
KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.  
Do not reuse container. Destroy when empty. Avoid contact with skin and eyes, avoid inhalation of vapors and spray mist. Do not contaminate water supply.

D.O.T. Description	Non-Regulated
Freight Description	Agricultural Herbicide, Liquid, N.O.S.
Reportable Quantity	N/A
FRG #	151

The information presented herein for consideration, while not guaranteed, is true and accurate to the best of our knowledge. No warranty, or guaranty is expressed or implied regarding the accuracy or reliability of such information and we shall not be liable for any loss or consequential damages arising out of the use thereof.

Date Prepared: 04/12/07