

# SAFETY DATA SHEET

## ATRANEX 90 WG

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product Name: ATRANEX 90 WG  
Chemical Name of active Ingredient (s): 2-Chloro-4-ethylamine-6-isopropylamine-1,3,5- triazine  
Manufacturer: Agan Chemical Manufacturers Ltd.  
Northern Industrial Zone.  
P.O. Box 262, Ashdod, Israel  
Emergency telephone: +972-8-8515211  
Number

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / preparation: Preparation

#### Information on hazard ingredients

Common name	CAS No.	%	EC Number	Symbol	R-Phrases
Atrazine	1912-24-9	88-92	217-617-8	Xn	R20/22-36-40-43

- Occupational Exposure Limit (s), if available, are listed in section 8

### 3. HAZARDS IDENTIFICATION

Most important hazards: Harmful by inhalation and if swallowed. Irritating to eyes. Possible risks of irreversible Effects. May cause sensitization by skin contact. Toxic to aquatic organisms.

### 4. FIRST-AID MEASURES

#### Effects and symptoms

Skin Contact: May cause sensitization by skin contact.  
Eye Contact: Irritating to eyes

#### First-aid measures

Remove victim from area of exposure. Wash off remaining material with plenty of water

Inhalation: Remove victim to fresh air. If breathing is difficult; artificial respiration. Get medical Attention  
Ingestion: Wash out mouth with plenty of water. Get medical attention. Never give anything by Mouth to an unconscious person.  
Skin Contact: Remove contaminated clothing. Wash away remainder with water and soap  
Eye Contact: Wash out with plenty of water with the eyelid held wide open for at least 15 minutes. Get medical attention.  
Notes to a physician: There is no specific antidote. Treat symptomatically and give supportive therapy  
Protection of first-aiders: Use appropriate protection (see section 8)

## 5. FIRE-FIGHTING MEASURES

### Extinguishing media

Suitable:	Dry chemical, water spray, foam, carbon dioxide
Hazardous thermal: (de)composition products	Chloride compounds and nitrogen oxides
Protection of fire-fighters:	Self-contained breathing apparatus and total protection required in enclosed areas.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Wear suitable protective clothing
Environmental precautions:	Do not discharge into drains or the environment.
Methods for cleaning up:	Collect spilled material. Dispose of this material and its container at hazardous or special Waste collection point.

## 7. HANDLING AND STORAGE

Handling:	Ventilation required
Storage:	Keep only in the original container. Keep in a cool dry. Well ventilated place away from Direct sunlight

### Packaging materials

Suitable:	Polyethylene-lined aluminium foil laminated bags. Perforated double ply sacks
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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures:	Ventilation required
Hygiene measures:	When handling do not eat, drink or smoke. Wash hands thoroughly after handling. Wash clothing separately before re-use

Occupational Exposure  
Limits:

<u>Common Name:</u>	Atrazine
TLV (USA):	5 mg/m <sup>3</sup>
"MAK" (Germany):	2 mg/m <sup>3</sup>
OEL (United Kingdom):	10 mg/m <sup>3</sup>

### Personal Protective Equipment

Respiratory system:	Dust mask is required
Skin and body:	Wear suitable protective clothing. Chemical resistant boots.
Hands:	Chemical resistant gloves
Eyes:	Safety goggles or face shield

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Granules
Color:	Whitish
Odor:	Faint odour

Melting Point:	172-175°C
Vapour pressure:	0.04 mPa ( $\alpha$ ) 25°C (Atrazine)
Solubility in water:	28 ppm ( $\alpha$ ) 20°C (Atrazine)
Octanol /water partition Coefficient:	log = 2.44 (Atrazine)
Flammability:	Not flammable
Explosion properties:	Not explosive
Oxidation properties:	Not oxidizing

## 10. STABILITY AND REACTIVITY

Stability:	Not subject to polymerization
Materials to avoid:	Oxidizing agents, acids and alkali
Hazardous reactions:	None
Hazardous decomposition Products	Chloride compounds and nitrogen oxides

## 11. TOXICOLOGICAL INFORMATION

### Preparation

Estimated from toxicity data of constituents

Acute toxicity – Oral	LD50 (rat) > 2.000 mg/kg
Acute toxicity – Dermal	LD50 (rabbit) > 2.000 mg/kg

### Common name

Chronic toxicity:	NOEL (rat): 10 ppm
Carcinogenicity	EPA: Group C EU: Category 3 IARC: Group 2B
Mutagenicity:	Not mutagenic
Reproduction toxicity:	NOEL (rat): 50 ppm (2 generation)
Other information:	Teratogenicity – NOEL (rat): 25 mg/kg/day

## 12. ECOLOGICAL INFORMATION

### Common name:

Mobility:	Soil – Moderately mobile
Persistence /degradability:	The product is not persistent. Half-life time (t1/2): 35-50 days Degradation is primarily via: chemical hydrolysis
Bioaccumulative potential:	Bioaccumulation in aquatic organisms is expected

### Ecotoxicity

#### Fish

LC50 (96 hours)	rainbow trout = 8.8 mg/L
	Carp = 76 mg/L
	Catfish = 7.6 mg/L
	Bluegill sunfish = 16 mg/L
	Guppy

Daphnia magna

EC50 (48 hours) bobwhite quail = 464 mg/kg

Algae (selenastrum capricornutum)

EC50 (72 hours) = 0.06

Birds

LD50 (48 hours) bobwhite quail = 464 mg/kg

Pecking duck = 10,000 mg/kg

Bees

Contact LD50 > 100 ug/bee

Oral LD50 > 97 ug/bee

Toxic to fish and aquatic organisms. Low toxicity; birds, Non toxic: bees

### 13. DISPOSAL CONSIDERATIONS

Methods of disposal

Dispose of in pesticide approved landfill or in a chemical incinerator equipped With scrubbers. In accordance with national and regional regulations.

### 14. TRANSPORT INFORMATION

Not Classified

National transport regulations

No additional national transport regulations are known to the supplier

### 15. REGULATORY INFORMATION

Classification:

This product is provisionally labeled by the supplier in accordance with the Suppliers understanding of the EU regulations

Hazard Symbol:

Xn

Risk Phrases:

R20/22: Harmful by inhalation and if swallowed

R36: Irritating to eyes

R40: Possible risks of irreversible effects

R43: May cause sensitization by skin contact

Safety Phrases:

S02: Keep out of the reach of children

S13: Keep away from food, drink and animal feedingstuffs

S20/21: When using do not eat, drink or smoke

S23D: Do not breath spray

S24/25: Avoid contact with skin and eyes

S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

S46: If swallowed, seek medical advice immediately and show this container Or label

S61: Avoid release to the environment. Refer to special instructions / Safety Data sheets.

## 16. OTHER INFORMATION

The information contained in the Safety Data Sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as a warranty or as a specification. The information relates only to the products specified and may not be suitable for combinations with other materials or in processes than those specifically described herein.

### HISTORY

Date of printing:	26/01/1999
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The version-number is made up for three parts: part 1 is a general information code, part 2 a country-specific code and part 3 a language-specific code

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