

Common Name: **ATRAZINE**

Synonyms: AAtrex®, Gesaprim®, Vectal

CAS No: 1912-24-9

 Molecular Formula: C<sub>8</sub>H<sub>14</sub>ClN<sub>5</sub>

RTK Substance No: 0171

Description: White, crystalline solid which is often mixed with a liquid (carrier).

### HAZARD DATA

Hazard Rating	Firefighting	Reactivity
<b>3 - Health</b> <b>0 - Fire</b> <b>1 - Reactivity</b>  <b>DOT#:</b> UN 2763 (Solid) UN 2998 (Liquid)  <b>ERG Guide #:</b> 151 <b>Hazard Class:</b> 6.1 (Poison)	- <b>Atrazine</b> is a noncombustible solid. However, it may be mixed with flammable or combustible "carrier" liquids.  - Use dry chemical, CO <sub>2</sub> , water spray or a foaming agent.  - POISONOUS GASES ARE PRODUCED IN FIRE, including <i>Hydrogen Chloride</i> and <i>Nitrogen Oxides</i> .  - CONTAINERS MAY EXPLODE IN FIRE	- Incompatible with STRONG ACIDS (such as HYDROCHLORIC, SULFURIC and NITRIC) and STRONG BASES (such as SODIUM HYDROXIDE and POTASSIUM HYDROXIDE).

#### SPILLS/LEAKS

**Isolation Distance:** 50 meters for liquids (150 feet)  
25 meters for solids (75 feet)

- Dampen solid spills with water before collection.
- Absorb liquids in vermiculite, dry sand, earth, or a similar material and deposit in sealed containers.
- DO NOT wash into sewer.
- Hazardous to plants, soil organisms and aquatic organisms.

#### PHYSICAL PROPERTIES

**Odor Threshold:** No information

**Flash Point:** Noncombustible

**LEL:** No information

**UEL:** No information

**Vapor Density:** No information

**Vapor Pressure:** 0.000003 mm Hg at 68°F (20°C)

**Water Solubility:** Slightly soluble

**Boiling Point:** Decomposes

**Ionization Potential:** No information

#### EXPOSURE LIMITS

**OSHA:** N/A

**NIOSH:** 5 mg/m<sup>3</sup> 10-hr TWA

**ACGIH:** 5 mg/m<sup>3</sup> 8-hr TWA

**IDLH LEVEL:** N/A

#### PROTECTIVE EQUIPMENT

**Gloves:** No information

**Coverall:** No information

**Boot:** No information

**Respirator:** Supplied air

#### HEALTH EFFECTS

**Eyes:** Irritant

**Skin:** Irritant

**Acute:** Skin and eye irritation

**Chronic:** Cancer - tested (Not Classifiable). Skin allergy, may affect the nervous system.

#### FIRST AID AND DECONTAMINATION

- Flush eyes with large amounts of water for at least 15 minutes.
- Remove contact lenses, if worn, while rinsing.
- Remove contaminated clothing. Wash contaminated skin with soap and water.
- Remove the person from exposure.
- Transfer to a medical facility.