

Common Name: **AMITROLE**

Synonyms: Aminotriazole; 3-Amino-1,2,4-Triazole

CAS No: 61-82-5

Molecular Formula: C₂H₄N₄

RTK Substance No: 0083

Description: An odorless, colorless to off-white crystalline solid or chip

HAZARD DATA

Hazard Rating	Firefighting	Reactivity
3 - Health 0 - Fire 0 - Reactivity DOT ID #: UN 2588 ERG Guide #: 151 Hazard Class: 6.1 (Poison)	Not combustible but may be dissolved in flammable or combustible liquids. Use dry chemical, CO ₂ , water spray, alcohol foam or a foaming agent. POISONOUS GASES ARE PRODUCED IN FIRE, including <i>Nitrogen Oxides</i> .	Amitrole is not compatible with OXIDIZING AGENTS (such as PERCHLORATES, PEROXIDES, PERMANGANATES, CHLORATES, NITRATES, CHLORINE, BROMINE and FLUORINE); STRONG ACIDS (such as HYDROCHLORIC, SULFURIC and NITRIC); STRONG BASES (such as SODIUM HYDROXIDE and POTASSIUM HYDROXIDES); ACID ANHYDRIDES and ACID CHLORIDES. Corrosive to IRON, COPPER and ALUMINUM. Decomposes in LIGHT.

SPILL/LEAKS

Isolation Distance: No Information

- May be hazardous to the environment, especially to plants.
- Severe marine pollutant.

PHYSICAL PROPERTIES

Odor Threshold:	Odorless
Flash Point:	Not Combustible
LEL:	N/A
UEL:	N/A
Vapor Pressure:	Less than 0.000008 mm Hg at 68°F (20°C)
Water Solubility:	Soluble
Melting Point:	318°F (159°C)
Specific Gravity:	1.14

EXPOSURE LIMITS

OSHA:	N/A
NIOSH	0.2 mg/m ³ , 10-hr TWA
ACGIH:	0.2 mg/m ³ , 8-hr TWA
IDLH LEVEL:	No Information

PROTECTIVE EQUIPMENT

Gloves:	No Information
Coverall:	No Information
Boot:	No Information
Respirator:	>0.2 mg/m ³ - Supplied air

HEALTH EFFECTS

Eyes:	No Information
Skin:	No Information
Acute:	No Information
Chronic:	Carcinogen (thyroid and liver) in animals. May damage the developing fetus. May damage the liver and affect thyroid gland function.

FIRST AID AND DECONTAMINATION

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