

Material Safety Data Sheet

Customer P.O. No. 0905808

Date Printed: 02/05/2009
Date Updated: 01/01/2009

Section 1 - Product and Company Information

Catalog Number: 49085 (Reorder Product by this No.)
Product Name: ATRAZINE
Street Address: 595 North Harrison Road
City, State, Zip, Country: Bellefonte, PA 16823-0048 USA
Fax (MSDS Dept.): 814-359-5930
Emergency Phone: 800-521-8956 EXT 2143
CHEMTREC: 800-424-9300

Section 2 - Composition/Information on Ingredient(s)

Substance Name: ATRAZINE
CAS#: 1912-24-9
SARA 313: No
Ingredients:
Formula: C8H14CLN5
Chemical Name:
Synonym(s):
AATREX
RTECS Number: XY5600000
MSDS Dictionary:

CAS=Chemical Abstract Service; %=Percentage of Composition; TLV=Threshold Limit Value; SARA=Superfund Amendments and Reauthorization Act of 1986; TSCA=Toxic Substances Control Act; N/A=Not Available.

Section 3 - Hazards Identification

Emergency Overview:

Stable.
Harmful if absorbed through skin.
Irritates respiratory tract.
Harmful if inhaled.
Harmful if swallowed.
To the best of our knowledge, the chemical, physical, & toxicological properties have not been thoroughly investigated.
See Section 11 for toxicological data.

Section 4 - First Aid Measures

Oral Exposure:

Contact a physician.
Never give anything by mouth to an unconscious person.
Never try to make an unconscious person vomit.

Inhalation Exposure:

Immediately move to fresh air.

Dermal Exposure:

Promptly wash skin with mild soap and large volumes of water.

Eye Exposure:

Section 4 - First Aid Measures

Flush eyes with water for 15 minutes.
Additional Information:
Contact a physician.

Section 5 - Fire Fighting Measures

Flammable Hazards:

Explosion Hazards:

Thermal Decomposition Components:

HCl, oxides of nitrogen.

Extinguishing Media:

Suitable:

CO₂.

Dry chemical.

Alcohol foam.

Firefighting

Protective Equipment:

Wear self-contained breathing apparatus when fighting a chemical fire.

Specific Hazard(s):

Flash Point (F):	Value:	Method:
	N/A	

Autoignition Temperature:	Lower:	Upper:
	N/A	

Explosion Limits:	Lower:	Upper:
	N/A	

Additional Information:

Section 6 - Accidental Release Measures

Procedure to be followed in case of Leak or Spill:

Sweep up material.

Avoid generating dust.

Procedure(s) of Personal Precaution(s):

Wear gloves.

Avoid generating dust.

Avoid eye or skin contact.

Wear protective glasses.

Methods for Cleaning Up:

Additional Information:

Section 7 - Handling and Storage

Handling

User Exposure:

Avoid generating dust.

Avoid eye or skin contact.

Storage

Suitable:

Refrigerate in sealed container.

Keep away from acids.

Keep away from bases.

Additional Information:

Section 8 - Exposure Controls/PPE

Engineering Controls:

Use only in exhaust hood.

Personal Protective Equipment

Respiratory:

Hand:

Eye:

Section 8 - Exposure Controls/PPE

Wear gloves.

Wear protective glasses.

Additional Equipment:

General Hygiene Measures:

Avoid eye or skin contact.

Additional Information:

Section 9 - Physical and Chemical Properties

Appearance:

Clear colorless crystals

Odor:

Molecular Weight: 215.7

pH:

Value: Method:

N/A

Boiling Point Range:

Melting Point Range: 175° C

Vapor Pressure: N/A

Vapor Density: N/A

Volatile %: 0

Specific Gravity/Density: N/A

Evaporation Rate: N/A

Value: Method:

Flash Point (F):

N/A

Lower: Upper:

Explosion Limits: N/A

Solubility in Water: N/A

Refractive Index:

N/A

Autoignition Temperature:

Additional Information:

N/A = Not Available

Section 10 - Stability and Reactivity

Stability:

Stable:

Stable.

Materials to Avoid:

Strong acids.

Strong bases.

Conditions to Avoid:

N/A

Hazardous Decomposition Products:

Hcl, oxides of nitrogen.

Hazardous Polymerization:

Will not occur.

Additional Information:

Section 11 - Toxicological Information

Route of Exposure

Skin Contact:

Irritates skin.

Dermatitis.

Skin Absorption:

Harmful if absorbed through skin.

Eye Contact:

Irritates eyes.

Inhalation:

Irritates respiratory tract.

Harmful if inhaled.

Irritates nose and throat.

Ingestion:

Section 11 - Toxicological Information

Harmful if swallowed.

Critical Effects:

Additional Possible Effects:

Target Organ(s) or System(s):

Signs and Symptoms of Exposure:

Irritates respiratory tract.

Irritates nose and throat.

Conditions Aggravated by Exposure:

Additional Information:

Toxicity Data (LD50):	1750 mg/kg	Oral Rat
	Limit	Range
TLV:	5 mg/m3	11
PEL:	5 mg/m3	21

Section 12 - Ecological Information

Ecotoxicity:

No Data Available.

Section 13 - Disposal Information

Appropriate Method of Disposal of Substance or Preparation:

Comply with all applicable federal, state, or local regulations.

Contact a licensed professional waste disposal service to dispose of this material.

Section 14 - Transport Information

DOT
Proper Shipping Name: TOXIC SOLID, ORGANIC, N.O.S.
NOS Description: Atrazine

UN#: 2811
Class: 6.1
Packing Group: III
Hazard Label: Excepted Qty
PIH: N/A

IATA
Proper Shipping Name: TOXIC SOLID, ORGANIC, N.O.S.
NOS Description: Atrazine

IATA UN Number: 2811
Hazard Class: 6.1
Packing Group: III
Hazard Label: Excepted Qty
PIH: N/A

Section 15 - Regulatory Information

EU Directives Classification

Symbol of Danger: XI

Indication of Danger:

Irritant

Risk Statements: R: 36 38

Irritating to eyes and skin.

Safety Statements: S: 24 25

Avoid contact with skin and eyes.

US Classification and Label Text

Indication of Danger:

Risk Statements:

Section 15 - Regulatory Information

Safety Statements:

US Statements:

United States Regulatory Information

SARA Listed: No

Deminimis:

Notes:

Classified by IARC as a Class 3 carcinogen.

TSCA Inventory Item: Yes

United States - State Regulatory Information

California Prop-65:

Canada Regulatory Information

WHMIS Classification:

Class D - Division 2 - Poisonous and infectious materials.

DSL:

NDSL:

Additional Information:

Section 16 - Other Information

Disclaimer:

For R&D use only. Not for drug, household or other uses.

Warranty:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Supelco, shall not be held liable for any damage resulting from handling or from contact with the above product. Copyright 2009 Supelco. License granted to make unlimited paper copies for internal use only.