



Health
Fire
Reactivity
Personal Protection

# Material Safety Data Sheet

## phenethyl isothiocyanate MSDS

### Section 1: Chemical Product and Company Identification

**Product Name:** phenethyl isothiocyanate

**Catalog Codes:** SLP4081

**Synonyms:**

**Contact Information:**

**Sciencelab.com, Inc.**

14025 Smith Rd.

Houston, Texas 77396

US Sales: **1-800-901-7247**

International Sales: **1-281-441-4400**

Order Online: [ScienceLab.com](http://ScienceLab.com)

**CHEMTREC (24HR Emergency Telephone), call:**

1-800-424-9300

**International CHEMTREC, call:** 1-703-527-3887

**For non-emergency assistance, call:** 1-281-441-4400

### Section 2: Composition and Information on Ingredients

CAS#	Chemical Name	Percent	EINECS/ELINCS
02/09/57	phenethyl isothiocyanate	97	unlisted

**Hazard Symbols:** None listed.

**Risk Phrases:** None listed.

### Section 3: Hazards Identification

**EMERGENCY OVERVIEW:** Not available. Appearance: white crystalline solid. Not available.

**Target Organs:** None known.

**Potential Health Effects:** The toxicological properties of this material have not been investigated. Use appropriate procedures to prevent opportunities for direct contact with the skin or eyes and to prevent inhalation.

### Section 4: First Aid Measures

**Eyes:** Not available.

**Skin:** Not available.

**Ingestion:** Not available.

**Inhalation:** Not available.

**Notes to Physician:** Treat symptomatically and supportively.

### Section 5: Fire and Explosion Data

**General Information:** Not available.

**Extinguishing Media:** Not available.

**Flash Point:** Not available.

**Autoignition Temperature:** Not available.

**Explosion Limits, Lower:** Not available.

**Upper:** Not available.

**NFPA Rating:** Not published.

### Section 6: Accidental Release Measures

**General Information:** Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:** Not available.

### Section 7: Handling and Storage

**Handling:** Not available.

**Storage:** Not available.

### Section 8: Exposure Controls/Personal Protection

**Engineering Controls:**

**Exposure Limits:**

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
phenethyl isothiocyanate	none listed	none listed	none listed

**OSHA Vacated PELs:** phenethyl isothiocyanate: No OSHA Vacated PELs are listed for this chemical.

**Personal Protective Equipment:**

**Eyes:** Not available.

**Skin:** Not available.

**Clothing:** Not available.

**Respirators:** Not available.

### Section 9: Physical and Chemical Properties

**Physical State:** Solid

**Appearance:** white crystalline solid

**Odor:** Not available.

**pH:** Not available.

**Vapor Pressure:** Not available.

**Vapor Density:** Not available.  
**Evaporation Rate:** Not available.  
**Viscosity:** Not available.  
**Boiling Point:** Not available.  
**Freezing/Melting Point:** 102 - 104 deg C  
**Decomposition Temperature:** Not available.  
**Solubility:** Not available.  
**Specific Gravity/Density:** Not available.  
**Molecular Formula:** C8H6FNO  
**Molecular Weight:** 151

**Section 10: Stability and Reactivity Data**

**Chemical Stability:** Not available.  
**Conditions to Avoid:** Not available.  
**Incompatibilities with Other Materials:** Not available.  
**Hazardous Decomposition Products:** Not available.  
**Hazardous Polymerization:** Has not been reported

**Section 11: Toxicological Information**

**RTECS#:**  
**CAS#:** 02/09/57 unlisted.  
**LD50/LC50:** Not available.  
**Carcinogenicity:** CAS# 02/09/57: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

**Section 12: Ecological Information**

**Section 13: Disposal Considerations**

**RCRA P-Series:** None listed.  
**RCRA U-Series:** None listed.

**Section 14: Transport Information**

	US DOT	IATA	RID/ADR	IMO	Canada TDG
<b>Shipping Name:</b>	No information available.				No information available.
<b>Hazard Class:</b>					
<b>UN Number:</b>					
<b>Packing Group:</b>					

## Section 15: Other Regulatory Information

### US FEDERAL:

**TSCA:** CAS# 02/09/57 is not listed on the TSCA inventory. It is for research and development use only.

**Health & Safety Reporting List:** None of the chemicals are on the Health & Safety Reporting List.

**Chemical Test Rules:** None of the chemicals in this product are under a Chemical Test Rule.

**Section 12b:** None of the chemicals are listed under TSCA Section 12b.

**TSCA Significant New Use Rule:** None of the chemicals in this material have a SNUR under TSCA.

### SARA:

**CERCLA Hazardous Substances and corresponding RQs:** None of the chemicals in this material have an RQ.

**SARA Section 302 Extremely Hazardous Substances:** None of the chemicals in this product have a TPQ.

**Section 313:** No chemicals are reportable under Section 313.

**Clean Air Act:** This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depletors. This material does not contain any Class 2 Ozone depletors.

**Clean Water Act:** None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

**OSHA:** None of the chemicals in this product are considered highly hazardous by OSHA.

**STATE:** CAS# 02/09/57 is not present on state lists from CA, PA, MN, MA, FL, or NJ. California No Significant Risk Level: None of the chemicals in this product are listed.

### European/International Regulations:

#### European Labeling in Accordance with EC Directives:

**Hazard Symbols:** Not available.

**Risk Phrases:**

**Safety Phrases:**

**WGK (Water Danger/Protection):** CAS# 02/09/57: No information available.

**Canada - DSL/NDSL:** None of the chemicals in this product are listed on the DSL or NDSL list.

**Canada - WHMIS:** WHMIS: Not available.

#### Canadian Ingredient Disclosure List:

**Exposure Limits:**

## Section 16: Other Information

**Created:** 02/14/2005 10:16 PM

**Last Updated:** 11/01/2010 12:00 PM

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