

3835 SA 07854 (A)

MATERIAL SAFETY DATA SHEET

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MSDS No.:
 Effective Date: March 28, 2007

SECTION I NAME

Product	PTC Taste Test Paper		
Chemical Synonyms	Phenylthiocarbamide Paper		
Formula	C ₈ H ₇ NHCSN ₂ H ₂		
Unit Size	1 Strip		
C.A.S. No.	103-85-5		

24 HOUR EMERGENCY ASSISTANCE

CHEMTREC
 800-424-9300
 Day 888-226-6177

Health 3
Fire 1
Reactivity 2

HAZARD RATINGS
 MINIMAL SLIGHT MODERATE SEVERE EXTREME
 0 1 2 3 4

NFPA

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Phenylthiocarbamide	30 mgcl/strip	None established.

SECTION III PHYSICAL DATA

Melting Point (°F)	N/A	Specific Gravity (H ₂ O = 1)	N/A
Boiling Point (°F)	N/A	Percent Volatile by Volume (%)	Non-volatile.
Vapor Pressure (mm Hg)	Negligible as solid.	Evaporation Rate (1-4)	Non-volatile.
Vapor Density (air=1)	Not applicable.		
Solubility in Water	Very slight.		
Appearance & Odor	Paper strips; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	454°F (235°C) (paper)	Flammable Limits in Air % by Volume	Lower N/A Upper
Extinguisher Media	Water spray; carbon dioxide; dry chemical, foam.		

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective clothing to prevent contact with skin and eyes.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Dangerous when heated to decomposition or on contact with acid or acid fumes, it emits highly toxic fumes of oxides of sulfur and nitrogen. Can react with oxidizing materials.

D.O.T. Non Regulated.

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20

SECTION V HEALTH HAZARD DATA

None established by (ACGIH 1992-93).
 RTECS # YU1400000 Toxicity data: Ori-rat LD50: 9 mg/Kg.

Effects of Overexposure

A highly toxic compound by the oral route. Considered as a poison orally.

Emergency and First Aid Procedures

INGESTION: Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person. **EYES:** Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **SKIN:** Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SECTION VI REACTIVITY DATA

Stability	Unstable	Conditions to Avoid	Excessive temperature and heat.
	Stable		
Incompatibility (Materials to Avoid)	Strong oxidizing materials.		
Hazardous Decomposition Products	Carbon, nitrogen and sulfur oxides.		
Hazardous Polymerization	Conditions to Avoid		
May Occur	Will Not Occur	Not applicable.	
	X		

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled

Recover for use if not contaminated. Wear proper safety equipment. Insure proper ventilation. Sweep up and place in a suitable container for proper disposal. Wash spill area with soap and water.

Waste Disposal Method

Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only. Dispose of in an approved incinerator equipped with an afterburner and scrubber or contract with a licensed waste disposal service.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection: None should be needed in normal laboratory handling. If dusty conditions prevail, work in a fume hood or wear a NIOSH/MSHA-approved dust mask or respirator.

Ventilation	Local Exhaust	Recommended.	Special No.
	Mechanical (General)	Recommended.	Other No.

Protective Gloves

Rubber.
 Other Protective Equipment: Smock, apron, proper gloves.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing: Store in a cool dry place, away from oxidizing materials. Wash thoroughly after handling.

Other Precautions

Read label on container before using. Do not wear contact lenses when working with chemicals. For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Keep away from food, drink and animal foods. When using do not eat, drink or smoke.

Revision No.	3	Date	03/28/07	Approved	James A. Belfsch	Checked Safety	JAB
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