

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-52/52-24-4.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

52-24-4

Code:

M

RTECS:**Code:**

X

Name:

THIOTEP A

Other REC Limits:

NONE SPECIFIED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:**Code:****ACGIH TLV:**

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

WEAR AN APPROVED, FULL-FACE, AIR-PURIFYING RESPIRATOR WITH COMBINATION ORGANIC VAPOR/ HIGH-EFFICIENCY CARTRIDGE OR AN APPROVED, FULL-FACE, SUPPLIED-AIR RESPIRATOR.

Ventilation:

USE CLOSED SYSTEM HANDLING, LABORATORY BENCH HOOD, OR LOCAL EXHAUST VENTILATION ADEQUATE TO CONTROL DUST AND VAPOR.

Protective Gloves:

WEAR 2 PAIRS OF LATEX SURGICAL GLOVES.

Eye Protection:

SAFETY GLASSES.

Other Protective Equipment:

Equipment WEAR PROTECTIVE CLOTHING TO PROTECT AGAINST ANY CONTACT WITH THIS MATERIAL.

Work Hygienic Practices:

WASH HANDS THOROUGHLY AFTER HANDLING THIS MATERIAL.

Supplemental Safety and Health:

4 NONE

Health Hazards Data

LD50/LC50 Mixture:

UNKNOWN

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

YES

IARC:

YES

OSHA:

NO

Health Hazards Acute And Chronic:

YES: CAN CAUSE SEVERE IRRITATION WITH REVERSIBLE OPACITY OF THE CORNEA. SKIN: MAY CAUSE IRRITATION AND CAN BE ABSORBED THROUGH THE SKIN IN TOXIC AMOUNTS. INHALATION: TOXIC BY THE INHALATION ROUTE. INGESTION: CAN BE ABSORBED FROM THE GASTROINTESTINAL TRACT IN TOXIC AMOUNTS.

Explanation Of Carcinogenicity:

2 NTP: REASONABLY ANTICIPATED TO BE CARCINOGENIC. IARC: CONSIDERED TO BE A PROBABLE HUMAN CARCINOGEN.

Signs And Symptoms Of Overexposure:

INHALATION: NAUSEA, VOMITING, LOSS OF APPETITE, DIZZINESS, HEADACHE, BONE MARROW DEPRESSION AND ANEMIA. DEATH FROM SEPTICEMIA AND HEMORRHAGE HAS OCCURRED AS A DIRECT RESULT OF THE DEPRESSION OF BONE MARROW CAUSED BY THIOTEP A. ABSORPTION BY SKIN OR INGESTION MAY CAUSE SYMPTOMS AS GIVEN FOR INHALATION.

Medical Cond Aggravated By Exposure:

LEUKOPENIA, THROMBOCYTENIA, AND ANEMIA.

First Aid:

EYES: FLUSH WITH PLENTY OF COOL WATER FOR AT LEAST 20 MIN. SKIN: PROMPTLY WASH WITH SOAP AND COOL RUNNING WATER. REMOVE CONTAMINATED CLOTHING. CONSULT A PHYSICIAN IF IRRITATION PERSISTS. INHALATION: REMOVE TO FRESH AIR. ASSIST WITH BREATHING IF NEEDED. INGESTION: INDUCE VOMITING IMMEDIATELY AS DIRECTED BY MEDICAL PERSONNEL. CALL A PHYSICIAN.

Spill Release Procedures:

WEARING DISPOSABLE PROTECTIVE CLOTHING AND AN APPROVED, FULL-FACE, SUPPLIED-AIR RESPIRATOR, CONTAIN AND COLLECT SPILL. WASH RESIDUALS FROM SURFACES WITH WARM WATER AND DETERGENT.

Neutralizing Agent:

NONE

Waste Disposal Methods:

PLACE COLLECTED MATERIAL INTO A PLASTIC BAG AND PLACE INTO AN APPROVED DISPOSAL CONTAINER. LABEL AND DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. DISPOSE OF CONTAMINATED GARMENTS IN A LIKE MANNER.

Handling And Storage Precautions:

MINIMIZE EXCESS HANDLING. KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:

NONE

Fire and Explosion Hazard Information

Flash Point Method:

N/P 3

Flash Point:**Flash Point Text:**

NOT DETERMINED

Autoignition Temp:**Autoignition Temp Text:**

N/A

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

AS APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:

NORMAL PROCEDURES.

Unusual Fire/Explosion Hazard:

NONE

Physical/Chemical Properties

T4:

T4

NRC/State LC No:**Net Prop WT For Ammo:****Boiling Point:****B.P. Text:**

N/K

Melt/Freeze Pt:**M.P./F.P. Text:**

126F/52C

Decomp Temp:**Decomp Text:**

N/A

Vapor Pres:

0.007 TORR

Vapor Density:

N/K

Spec Gravity:

N/K

VOC Pounds/Gallon:**PH:**

N/P

VOC Grams/Liter:**Viscosity:**

N/P

Evaporation Rate & Reference:

N/K

Appearance and Odor:

FINE WHITE CRYSTALLINE POWDER.

Percent Volatiles by Volume:

N/K

Corrosion Rate:

N/P

Reactivity Data**Stability Indicator:**

YES

Temp Above 40C To Avoid:

TEMP ABOVE 40C

Materials To Avoid:

ACIDS SUBSTANCES

Hazardous Decomposition Products:

CO, CO2, NITROGEN OXIDES POSSIBLE. HYDROGEN CYANIDE

Hazardous Polymerization Indicator:

NO 5

Conditions To Avoid Polymerization:

N/A

Toxicological Information

Information:

N/P

Information:

N/P

MSDS Transport Information

Information:

N/P

Information:

N/P

Regulatory Information

Sara Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Other Information

Other Information:

N/P

Information:

N/P

Information: