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Providing Chromatography Products for Analysis and Purification.

Customer P.O. No. 35792R

Material Safety Data Sheet

Date Printed: 09/09/2008
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Section 1 - Product and Company Information

Catalog Number: 442843 (Reorder Product by this No.)
Product Name: FLUORANTHENE-D10, 50MG, NEAT
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: FLUORANTHENE-D10
CAS#: 93951-69-0
SARA 313: No
Ingredients:
Formula: C16H10
Chemical Name:
Synonym(s): IDRYL
RTECS Number: LL4025000
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.
Harmful if inhaled.
Harmful if swallowed.
Reported mutagen.
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:
Inhalation Exposure:
Immediately move to fresh air.
Dermal Exposure:
Flush skin with large volumes of water.
Eye Exposure:
Contact a physician.
Flush eyes with water for 15 minutes.
Additional Information:

Section 5 - Fire Fighting Measures

Flammable Hazards:

Explosion Hazards:

Thermal Decomposition Components:

N/A

Extinguishing Media:

Suitable:

Water.

CO₂.

Foam.

Dry chemical.

Firefighting

Protective Equipment:

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

Specific Hazard(s):

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

	Lower:	Upper:
Autoignition Temperature:		N/A

	Lower:	Upper:
Explosion Limits:	1.0%	N/A

Additional Information:

Section 6 - Accidental Release Measures

Procedure to be followed in case of Leak or Spill:

Ventilate area.

Sweep up material.

Avoid generating dust.

Procedure(s) of Personal Precaution(s):

Wear gloves.

Wear dust mask.

Avoid inhaling dust.

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 inhaling dust.

Avoid generating dust.

Avoid eye or skin contact.

Storage

Suitable:

Keep away from oxidizers.

Store in sealed container in cool, dry location.

Additional Information:

Section 8 - Exposure Controls/PPE

Engineering Controls:

Use only in well-ventilated area.

Personal Protective Equipment

Respiratory:

Hand:

Eye:

Wear gloves.

Wear dust mask.

Wear protective glasses.

Additional Equipment:

General Hygiene Measures:

Section 8 - Exposure Controls/PPE

Avoid inhaling dust.

Avoid eye or skin contact.

Additional Information:

Section 9 - Physical and Chemical Properties

Appearance:

YELLOW-GREEN CRYSTAL; ODORLESS

Odor:

Molecular Weight: 202

pH:

Boiling Point Range:	Value: 384° C	Method: N/A
Melting Point Range:	110° C	
Vapor Pressure:	.01 mmHg	20.0° C
Vapor Density:	7	(Air=1)
Volatile %:	N/A	
Specific Gravity/Density:	>1.00 g/cm ³ or g/ml	(Water=1)
Evaporation Rate:	N/A	
Flash Point (F):	Value: N/A	Method: N/A
Explosion Limits:	Lower: 1.0%	Upper: N/A
Solubility in Water:	N/A	
Refractive Index:		
Autoignition Temperature:		
Additional Information:		

N/A = Not Available

Section 10 - Stability and Reactivity

Stability:

Stable.

Stable.

Materials to Avoid:**Conditions to Avoid:**

YELLN/A

Hazardous Decomposition Products:

N/A

Hazardous Polymerization:

Will not occur.

Additional Information:

Section 11 - Toxicological Information

Route of Exposure**Skin Contact:**

Irritates skin.

Skin Absorption:

Harmful if absorbed through skin.

Eye Contact:

Irritates eyes.

Inhalation:

Harmful if inhaled.

Ingestion:

Harmful if swallowed.

Critical Effects:

Reported mutagen.

Additional Possible Effects:**Target Organ(s) or System(s):****Signs and Symptoms of Exposure:****Conditions Aggravated by Exposure:**

Additional Information:

Section 11 - Toxicological Information

Toxicity Data (LD50): 2000 mg/kg Oral Rat
Limit Range

TLV: N/A

PEL: N/A

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: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
NOS Description: Fluoranthene-d10

UN#: 3077
Class: 9.0
Packing Group: III
Hazard Label: Excepted Qty
PIH: N/A

IATA

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
NOS Description: Fluoranthene-d10

IATA UN Number: 3077
Hazard Class: 9.0
Packing Group: III
Hazard Label: Excepted Qty
PIH: N/A

Section 15 - Regulatory Information

EU Directives Classification

Symbol of Danger: XN

Indication of Danger:

Harmful

Risk Statements: R: 20 21 22 40
Harmful by inhalation, in contact with skin and if swallowed.
Limited evidence of a carcinogenic effect.

Safety Statements: S: 36 22
Wear suitable protective clothing.
Do not breathe dust.

US Classification and Label Text

Indication of Danger:

Risk Statements:

Safety Statements:

US Statements:

United States Regulatory Information

SARA Listed: No

Deminimis:

Notes:

TSCA Inventory Item:

Section 15 - Regulatory Information

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 2008 Supelco. License granted to make unlimited paper copies for internal use only.

