Material Safety Data Sheet
Fluoranthene, 93%

MSDS# 01667

Section 1 - Chemical Product and Company Identification

MSDS Name: Fluoranthene, 93%
Catalog Numbers: AC345980000, AC345980010, AC345982500

Synonyms:

Company Identification: Acros Organics BVBA
Janssen Pharmacueticalaan 3a
2440 Geel, Belgium

Company Identification: (USA)
Acros Organics
One Reagent Lane
Fair Lawn, NJ 07410

For information in the US, call: 800-ACROS-01
For information in Europe, call: +32 14 57 52 11
Emergency Number, Europe: +32 14 57 52 99
Emergency Number US: 201-796-7100
CHEMTREC Phone Number, US: 800-424-9300
CHEMTREC Phone Number, Europe: 703-527-3887

Section 2 - Composition, Information on Ingredients

CAS#: 206-44-0
Chemical Name: Fluoranthene
%: 93%
EINECS#: 205-912-4

Hazard Symbols: XN
Risk Phrases: 22

Section 3 - Hazards Identification

EMERGENCY OVERVIEW
Not available Target Organs: None known.

Potential Health Effects

Eye: May cause eye irritation.
Skin: May cause skin irritation.
Ingestion: Harmful if swallowed. May cause irritation of the digestive tract.
Inhalation: May cause respiratory tract irritation.
Chronic:

Section 4 - First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated
clothing and shoes.

**Ingestion:**
Get medical aid. Wash mouth out with water.

**Inhalation:**
Remove from exposure and move to fresh air immediately. If not breathing, give artifical respiration. If breathing is difficult, give oxygen. Get medical aid.

**Notes to Physician:**

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**Section 5 - Fire Fighting Measures**

**General Information:**
As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

**Extinguishing Media:**
In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.

- **Autoignition Temperature:** Not available
- **Flash Point:** $> 100$ deg C ($> 212.00$ deg F)

**Explosion Limits:**
- **Lower:** Not available
- **Upper:** Not available

**NFPA Rating:** Not published

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**Section 6 - Accidental Release Measures**

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

**Spills/Leaks:**
Vacuum or sweep up material and place into a suitable disposal container.

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**Section 7 - Handling and Storage**

**Handling:**
Avoid breathing dust, mist, or vapor. Avoid contact with skin and eyes.

**Storage:**
Store in a cool, dry place. Store in a tightly closed container.

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**Section 8 - Exposure Controls, Personal Protection**

| Chemical Name | ACGIH         | NIOSH         | OSHA - Final PELs |
|----------------+---------------+---------------+-------------------|
| Fluoranthene   | none listed   | none listed   | none listed       |

**OSHA Vacated PELs:**
Fluoranthene: None listed

**Engineering Controls:**
Use adequate ventilation to keep airborne concentrations low.

**Exposure Limits**

**Personal Protective Equipment**

**Eyes:**
Not available

**Skin:**
Wear appropriate protective gloves and clothing to prevent skin exposure.

**Clothing:**
Wear appropriate protective clothing to minimize contact with skin.

**Respirators:**
Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.

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**Section 9 - Physical and Chemical Properties**

**Physical State:** Crystalline powder

**Color:** yellow

**Odor:** odorless

**pH:** Not available

**Vapor Pressure:** Not available

**Vapor Density:** Not available

**Evaporation Rate:** Not available

**Viscosity:** Not available

**Boiling Point:** $380 - 34.0$ deg C
Freezing/Melting Point: 109.00 - 111
Decomposition Temperature: Not available
Solubility in water: insoluble
Specific Gravity/Density:
Molecular Formula: C16H10
Molecular Weight: 202.07

Section 10 - Stability and Reactivity
Chemical Stability: Stable under normal temperatures and pressures.
Conditions to Avoid: Incompatible materials.
Incompatibilities with Other Materials: Not available
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.
Hazardous Polymerization: Has not been reported.

Section 11 - Toxicological Information
RTECS#: CAS# 206-44-0: LL4025000
RTECS: 
LD50/LC50: CAS# 206-44-0: Oral, rat: LD50 = 2 gm/kg;
Skin, rabbit: LD50 = 3180 mg/kg;
Carcinogenicity: Fluoranthene - IARC: Group 3 (not classifiable)
Other: The toxicological properties have not been fully investigated. See actual entry in RTECS for complete information.

Section 12 - Ecological Information
Other: No information available.

Section 13 - Disposal Considerations
Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information
US DOT
Shipping Name: Please contact Fisher Scientific for shipping information
Hazard Class:
UN Number:
Packing Group:
Canada TDG
Shipping Name: Not available
Hazard Class:
UN Number:
Packing Group:

USA RQ: CAS# 206-44-0: 100 lb final RQ; 45.4 kg final RQ

Section 15 - Regulatory Information
European/International Regulations
European Labeling in Accordance with EC Directives
Hazard Symbols: XN
Risk Phrases:
R 22 Harmful if swallowed.
Safety Phrases:
WGK (Water Danger/Protection)
CAS# 206-44-0: Not available
Canada
CAS# 206-44-0 is listed on Canada's NDSL List
Canadian WHMIS Classifications: Not available
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.
CAS# 206-44-0 is listed on Canada's Ingredient Disclosure List

US Federal
TSCA
CAS# 206-44-0 is listed on the TSCA Inventory.

Section 16 - Other Information
MSDS Creation Date: 10/27/1999
Revision #5 Date 7/20/2009

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantibility or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.

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