Section 1 - Product and Company Information

Product Name: 6-Carboxyfluorescein, Approx. 97% (HPLC)
Product Number: C0062
Brand: Sigma Chemical
Company: Sigma-Aldrich
Street Address: 3333 Spruce Street
City, State, Zip, Country: SAINT LOUIS, MO 63103-US
Technical Phone: 800-325-5832
Fax: 800-325-5052
Emergency Phone: 314-776-5555

Section 2 - Composition/Information on Ingredient

<table>
<thead>
<tr>
<th>Substance Name</th>
<th>CAS #</th>
<th>SARA 313</th>
<th>EC no</th>
<th>Annex I Index Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-CARBOXYFLUORESCIN</td>
<td>3301-79-9</td>
<td>No</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Formula: C21H12O7
Synonyms: 

Section 3 - Hazards Identification

Emergency Overview
Irritant, irritating to eyes, respiratory system and skin.

H101 Rating
Health: 2  Flammability: 0  Reactivity: 0

NFPA Rating
Health: 2  Flammability: 0  Reactivity: 0

For additional information on toxicity, please refer to Section 11.

Section 4 - First Aid Measures

Oral Exposure
If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Inhalation Exposure
If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Dermal Exposure
In case of contact, immediately wash skin with soap and copious amounts of water.

Eye Exposure
In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

Section 5 - Fire Fighting Measures

Autoignition Temp: N/A

Extinguishing Media
Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

Firefighting
Protective Equipment
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Specific Hazard(s)
Exerts toxic fumes under fire conditions.

Section 6 - Accidental Release Measures

Procedure(s) of Personal Precaution(s)
Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

Methods for Cleaning Up
Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Section 7 - Handling and Storage

Handling
Do not breathe dust. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Storage
Suitable: Keep tightly closed. Store at 2-8°C.

Section 8 - Exposure Controls / PPE

Engineering Controls
Safety shower and eye bath. Mechanical exhaust required.

Personal Protective Equipment
Respiratory: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator.
Hand: Compatible chemical-resistant gloves.
Eye: Chemical safety goggles.

General Hygiene Measures
Wash thoroughly after handling.

Section 9 - Physical/Chemical Properties

Appearance
Solid

Physical State
Solid
Section 10 - Stability and Reactivity

Stability
- Stable
- Stable in the usual industrial and storage conditions under the normal temperature and pressure of use.

Materials to Avoid
- Strong oxidizing agents.

Hazardous Decomposition Products
- Carbon monoxide, Carbon dioxide.

Hazardous Polymerization
- Will not occur.

Section 11 - Toxicological Information

Route of Exposure
- Skin Contact: May be harmful if absorbed through the skin.
- Skin Absorption: May be harmful if absorbed through the skin.
- Eye Contact: May be harmful to mucous membranes and upper respiratory tract.
- Inhalation: May be harmful if inhaled.

Inhalation
- May be harmful if swallowed.

Signs and Symptoms of Exposure
- To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

RTECS Number: N/A

Section 12 - Ecological Information

No data available.

Section 13 - Disposal Considerations

Appropriate Method of Disposal of Substance or Preparation
- Contact a licensed professional waste disposal service to dispose of this material.

Discharge or treat the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

Section 14 - Transport Information

DOT
- Proper Shipping Name: None
- Non-Hazardous for Transport: This substance is considered to be nonhazardous for transport.

IATA
- Non-Hazardous for Air Transport: Non-hazardous for air transport.

Section 15 - Regulatory Information

EU Additional Classification
- Symbol of Danger: Xi
- Indication of Danger: Instant.
- Risk Statements: R: 36/37/38

Inhalation to eyes, respiratory system and skin.
- Safety Statements: S87/88

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing and gloves.

US Classification and Label Text
- Indication of Danger: Immediate
- Risk Statements: Inhaling to eyes, respiratory system and skin.
- Safety Statements: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing and gloves.

United States Regulatory Information
- SARA Listed: No
- Canada Regulatory Information
- WHMIS Classification
- This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.
- DSE: No
- NDSL: Yes
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. Sigma-Aldrich Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. Copyright©2008 Sigma-Aldrich Co. License granted to make unlimited paper copies for internal use only.