

# Material Safety Data Sheet (MSDS)

Revision Number: 1.1	Last updated November 2010
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## Product and Company Identification

Product Name:	Fmoc - Rink Amide MBHA resin
Manufacturer/Supplier:	AnaSpec, Inc. 34801 Campus Drive Fremont, CA 94555 Tel: 510-791-9560 Fax: 510-791-9572 <a href="http://www.anaspec.com">http://www.anaspec.com</a>

## Composition / Information on Ingredients

Fmoc - Rink Amide MBHA resin
Molecular Formula: NA
Molecular Weight: NA
CAS Number/Name: NA

## Hazards Identification

Emergency Overview:
OSHA hazard: Irritant
First Aid Measures:
Inhalation:
If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
Ingestion:
If swallowed, wash out mouth with water provided person is conscious. Call a physician.
Skin:
In case of contact, immediately wash skin with soap and plenty of water.
Eyes:
In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.
Target Organs:
Not determined

## Fire Fighting Measures

Extinguishing media:
Water spray, carbon dioxide, dry chemical powder or appropriate foam.
Special firefighting procedures:
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Unusual fire and explosions hazards:
Emits toxic fumes under fire conditions.

## Accidental Release Measures

Personal precautions: Avoid dust formation.
Environmental precautions: Do not let product enter drains.
Methods for cleaning up: Sweep up and shovel. Keep in suitable, closed containers for disposal.

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<b><u>Handling and Storage</u></b>	
<i>Handling</i>	Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
<i>Storage</i>	Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature: 2-8 °C
<b><u>Exposure Controls / Personal Protection</u></b>	
<b>Respiratory protection</b>	
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).	
<b><u>ACGIH/OSHA Permissible Exposure Limit Data</u></b>	
Not determined	
<b><u>Physical and Chemical Properties</u></b>	
<i>Form:</i>	Solid
<i>Odor:</i>	Not determined
<i>Melting Point:</i>	Not determined
<i>Flash Point:</i>	Not determined
<b><u>Stability and Reactivity</u></b>	
<i>Stability:</i>	Stable under recommended storage conditions
<i>Materials to avoid:</i>	Not determined
<i>Hazardous decomposition products:</i>	Not determined
<b><u>Toxicological Information</u></b>	
<i>Toxicity:</i>	We are not aware of any toxicity data for this product.
<i>Health Hazards:</i>	Skin Contact: causes skin irritation. May be harmful if absorbed through skin. Eye Contact: causes eye irritation. Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled. Ingestion: May be harmful if swallowed.
<i>Carcinogenicity:</i>	Not listed by NTP, IARC or OSHA.
<b><u>Ecological Information</u></b>	
Do not allow product to reach ground water, watercourse, or sewage system.	
<b><u>Disposal Considerations</u></b>	
Consult local, state or national regulations for proper disposal.	

**Transport Information**

This substance is considered to be non-hazardous for transport

**Regulations**

<i>Symbol of Danger:</i>	Xi
<i>US Classification and Label Text:</i>	Irritant
<i>California Prop. 65 Components:</i>	This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.
<i>Risk / Safety Statements:</i>	R: 36/37/38 S: 26-36

**Other Information**

*It is not intended for food, drug, household, agricultural or cosmetic use. A technically qualified individual experienced in handling potentially hazardous chemicals must supervise its use. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Users should make independent decisions regarding completeness of the information based on all sources available. Anaspec shall not be held liable for any damage resulting from handling or from contact with the above product.*

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