**AAT Bioquest, Inc.**
520 Mercury Drive, Sunnyvale, CA 94085
Tel: 408-733-1055; Fax: 408-733-1304
www.aatbio.com; email: info@aatbio.com

# Safety Data Sheet (SDS)

## 1. Product and Company Identification

*1.1 Product identifiers*

| | |
|---|---|
| *a. Product name:* | iFluor™ 740 succinimidyl ester |
| *b. Product number:* | 1047 |
| *c. CAS number:* | |

*1.2 Relevant identified uses of the substance or mixture and uses advised against*

| | |
|---|---|
| *Identified uses:* | Laboratory chemicals ***For Research Use Only*** |

*1.3 Details of the supplier of the data sheet*

| | |
|---|---|
| *a. Company:* | AAT Bioquest, Inc.<br>520 Mercury Drive, Sunnyvale, CA 94085 |
| *b. Telephone:* | 408-733-1055 |
| *c. Fax:* | 408-733-1304 |
| *d. E-Mail:* | info@aatbio.com |

*1.4 Emergency telephone number*

| | |
|---|---|
| *Emergency telephone number:* | 408-489-6491 |

## 2. Hazards Identification

*2.1 Classification*

Not a hazardous substance or mixture

*2.2 GHS label elements, including precautionary statements*

Not a hazardous substance or mixture

*2.3 Hazardous not otherwise classified (HNOC) or not covered by GHS*

None

*2.4 Potential health effects*

Avoid contact and inhalation. To our knowledge, the hazards of this material have not been thoroughly investigated. We recommend handling all chemicals with caution.

| | |
|---|---|
| *a. Inhalation:* | No data available (may be harmful by inahalation) |
| *b. Ingestion:* | No data available (may be harmful if swallowed) |
| *c. Skin:* | No data available (may cause skin irritation in susceptible persons) |
| *d. Eyes:* | No data available (may cause eye irritation in susceptible persons) |
| *e. Chronic exposures:* | No data available (potentially harmful) |
| *f. Target organs:* | No data available (potentially harmful) |
| *g. Carcinogenic effects:* | No data available (potentially harmful) |
| *h. Mutagenic effect:* | No data available (potentially harmful) |
| *i. Reproductive toxicity:* | No data available (potentially harmful) |
| *j. Sensitization:* | No data available (potentially harmful) |

## 3. Composition/Information on Ingredients

| *Chemical Name* | *CAS#* | *EINECS#* |
|---|---|---|
| iFluor™ 740 succinimidyl ester | | |

## 4. First Aid and Measures

*4.1 Skin contact*

Rinse with plenty of water. Call a physician to seek medical advice if symptoms arise.


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*4.2 Eye contact*

Wash thoroughly after handling. If eye or skin contact occurs, immediately wash affected area with soap and copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician to seek medical advice.

*4.3 Ingestion*

Never give anything by mouth to an unconscious person. Call a physician to seek medical advice if symptoms arise.

*4.4 Inhalation*

If swallowed, wash out mouth with water provided person is conscious and call a physician to seek medical advice. If inhaled, move individual to fresh air and call a physician to seek medical advice.

*4.5 Notes to physician*

Treat symptomatically.

## 5. Fire Fighting Measures

*5.1 Extinguishing media*

Water spray, carbon dioxide, dry chemical powder or appropriate foam.

*5.2 Special firefighting procedures*

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

*5.3 Unusual fire and explosions hazards*

Emits toxic fumes under fire conditions.

## 6. Accidental Release Measures

*6.1 Personal precautions, protective equipment and emergency procedures*

Use appropriate protective equipment and methods to clean up spilled substances promptly.

*6.2 Environmental precautions*

Prevent further leakage or spillage if safe to do so.

*6.3 Methods for cleaning up*

Absorb spill onto an appropriate material. Collect and dispose of all waste in accordance with applicable laws.

## 7. Handling and Storage

*7.1 Personal precautions, protective equipment and emergency procedures*

Potentially harmful. Avoid prolonged or repeated exposure. Avoid dust formation. Avoid breathing vapors, mist or gas.

*7.2 Conditions for safe storage, including any incompatibilities*

Keep container tightly closed in a dry, cool and well-ventilated place. Protect material from long-term exposure to light.

## 8. Exposure Controls/Personal Protection

*8.1 Control parameters*

Contains no substances with occupational exposure limit values.

*8.2 Control parameters*

| | |
|---|---|
| *a. Engineering measures:* | General industrial hygeine practice. |
| *b. Personal protective equipment:* | Wear appropriate gloves, protective clothing and eyewear and follow safe laboratory practices. |

*8.3 Environmental exposure control*

Prevent products from entering drains.

## 9. Physical and Chemical Properties

| | |
|---|---|
| *Appearance:* | Solid |
| *Solubility in water:* | High |


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| | |
|---|---|
| *Odor/odor threshold:* | No data available |
| *Specific gravity:* | No data available |
| *pH:* | No data available |
| *Boiling point:* | No data available |
| *Melting point:* | No data available |
| *Flash point:* | No data available |
| *Vapor pressure:* | No data available |
| *Vapor density:* | No data available |
| *Relative density:* | No data available |
| *Upper/lower flammability or explosive limits:* | No data available |
| *Partition coefficient (n-octanol/water):* | No data available |
| *Auto-ignition temperature:* | No data available |
| *Decomposition temperature:* | No data available |
| *Viscosity:* | No data available |
| *Explosive properties:* | No data available |
| *Oxidizing properties:* | No data available |

## 10. Stability and Reactivity

| | |
|---|---|
| *Reactivity:* | No data available |
| *Chemical stability:* | Stable under recommended storage conditions |
| *Possibility of hazardous reactions:* | No data available |
| *Conditions to avoid:* | No data available |
| *Incompatible materials:* | No data available |
| *Hazardous decomposition products:* | No data available |

## 11. Toxicological Information

| | |
|---|---|
| *Acute toxicity:* | No data available |
| *Skin/corrosion/irritation:* | No data available (may cause skin irritation in susceptible persons) |
| *Serious eye damage/irritation:* | No data available (may cause eye irritation in susceptible persons) |
| *Respiratory or skin sensitization:* | No data available (may be harmful by inhalation) |
| *Germ cell mutagenicity:* | No data available (potentially harmful) |
| *Carcinogenicity:* | Not listed by NTP, IARC, or OSHA |
| *Reproductive toxicity:* | No data available |
| *Specific target organ toxicity:* | No data available |
| *Aspiration hazard:* | No data available |
| *RTECS:* | No data available |

## 12. Ecological Information

| | |
|---|---|
| *Ecotoxicity:* | No data available |
| *Persistence and degradability:* | No data available |
| *Bioaccumulative potential:* | No data available |
| *Mobility in soil:* | No data available |
| *Results of PBT and vPvB assessment:* | No data available |

## 13. Disposal Consideration

Do not allow product to reach ground water, water course, or sewage system. Consult local, state or national regulations for proper disposal.

## 14. Transport Information

| | |
|---|---|
| *DOT (US):* | Not dangerous goods |
| *IMDG:* | Not dangerous goods |
| *IATA:* | Not dangerous goods |

## 15. Regulatory Information


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| | |
|---|---|
| *US Toxic Substances Control Act (TSCA):* | Not listed |
| *SARA 302 components:* | Not listed |
| *SARA 313 components:* | Not listed |
| *SARA 311/312 components:* | Not listed |
| *EEC risk statements:* | Not listed |
| *Massachusetts-RTK:* | Not listed |
| *New Jersey-RTK:* | Not listed |
| *Pennsylvania-RTK:* | Not listed |
| *California Proposition 65:* | Not listed |

## 16. Other Information

*16.1 HMIS Rating*

| | |
|---|---|
| *Health hazard* | 0 |
| *Flammability* | 0 |
| *Reactivity* | 0 |

*16.2 NFPA Rating*

| | |
|---|---|
| *Health hazard* | 0 |
| *Flammability* | 0 |
| *Reactivity* | 0 |

*16.3 Further information*

**This material is sold for research purposes only and is not required to appear on the TSCA inventory. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. 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. AAT Bioquest shall not be held liable for any damage resulting from handling or from contact with the above product.**


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