

Lumiprobe Corp.
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Material Safety Data Sheet

Product Identification

Product Name: x3320 sulfo-Cy5 NHS ester
Unit Size: 1-100 mg

Composition / Information on Ingredients

Molecular Formula: $C_{36}H_{40}N_3NaO_{10}S_2$

Molecular Weight: 761.84

CAS Number / Name: sodium 1-(6-(2,5-dioxopyrrolidin-1-yloxy)-6-oxohexyl)-3,3-dimethyl-2-((1E,3E,5E)-5-(1,3,3-trimethyl-5-sulfonatoindolin-2-ylidene)penta-1,3-dienyl)-3H-indolium-5-sulfonate

Physical and chemical properties

Appearance: dark blue powder

Hazards Identification

Emergency Overview: we are not aware of any reported health hazards for this product. We recommend treating all chemicals with caution. May irritate respiratory system.

First Aid Measures

In case of eye contact: wash with a plenty of water for 10 min, assure adequate flushing by separating the eyelids with fingers, and seek medical advice immediately.

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

If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

In case of skin contact, remove material with dry cotton plug, wash away several times with water, and soap.

Remove contaminated clothing.

Fire Fighting Measures

Not flammable

Accidental release measures

To remove spills and dye stains, use cotton plug with water. Wear gloves when removing spills.

Collect and dispose of all waste in accordance with applicable laws.

Storage conditions

Storage: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks.

Avoid prolonged exposure to light. Desiccate.

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Exposure Controls / Personal protection

Wear appropriate gloves, protective clothing and eyewear and follow safe laboratory practices.

Stability and Reactivity

Thermal decomposition: no decomposition if used according to specifications.

Dangerous reactions: no dangerous reactions identified.

Dangerous products of decomposition: no dangerous decomposition products identified.

Ecological Information

We are not aware of any ecological hazards presented by this material.

Disposal Considerations

Consult local, state or national regulations for applicable requirements.

Transport Information

Hazard Class: no physical hazards identified

Identification number: not listed

Packaging group: not classified

Proper shipping name (technical name): not regulated for transport

Regulations

US TSCA: not listed

US other: not listed

EEC EINECS number: not listed

EEC Risk Statement: none

Other country regulations: none identified.