

SAFETY DATA SHEET

Date Revised: Nov 25, 2021

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product Name: YF@680-Streptavidin

Catalog Number: YS0083S,YS0083L

Manufacturer/Supplier:

UElandy (Suzhou) Co., Ltd.

Room 302-1, Building 1, No.18 Chunyao Road, Caohu Industrial Park, Xiangcheng District, Suzhou, P.R. China

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SECTION 2: Hazards identification

Classification

Not a hazardous substance or mixture

GHS label elements, including precautionary statements

Not a hazardous substance or mixture

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

None

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 inhalation)
- 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)

HMIS

| | |
|--------------|---|
| Health | 0 |
| Flammability | 0 |
| Reactivity | 0 |

SECTION 3: Composition/information on ingredients

| Chemical Name | CAS# | EINECS# |
|---------------------|------|---------|
| YF@680-Streptavidin | N/A | N/A |

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SECTION 4: First aid measures

Description of first aid measures

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| Skin contact | Rinse with plenty of water. Immediate medical attention is not required. |
| Eye contact | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. |
| Ingestion | Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice. |
| Inhalation | Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary. |
| Notes to Physician | Treat symptomatically. |
| Most important symptoms and effects, both acute and delayed | |
| Not Applicable | |
| Indication of any immediate medical attention and special treatment needed | |
| None. | |

SECTION 5: Firefighting measures

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| Extinguishing media | Water spray. Carbon dioxide (CO ₂). Foam. Dry chemical. |
| Special firefighting procedures | No information available. 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. |

SECTION 6: Accidental release measures

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| Personal precautions, protective equipment and emergency procedures | Use appropriate protective equipment and methods to clean up spilled substances promptly. |
| Environmental precautions | Prevent further leakage or spillage if safe to do so. |
| Methods and material for containment and cleaning up | Absorb spill onto an appropriate material. Collect and dispose of all waste in accordance with applicable laws. |

SECTION 7: Handling and storage

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| Personal precautions, protective equipment and emergency procedures | Potentially harmful. Avoid prolonged or repeated exposure. Avoid dust formation. Avoid breathing vapors, mist or gas. |
| Conditions for safe storage, including any incompatibilities | Keep in a dry, cool and well-ventilated place. Store at 4°C and protect from light |
| Specific end use(s) | For research use only. |

SECTION 8: Exposure controls/personal protection

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| Control parameters | |
| Exposure Limits | Contains no substances with occupational exposure limit values. |
| Engineering measures | Ensure adequate ventilation, especially in confined areas. |
| Personal Protective Equipment | |
| Respiratory protection | In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards. |
| Hand protection | Wear suitable gloves. Glove material: Compatible chemical-resistant gloves. |

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| Eye protection | Tight sealing safety goggles. |
| Skin and Body Protection | Wear suitable protective clothing. |
| Hygiene Measures | Handle in accordance with good industrial hygiene and safety practice |
| Environmental exposure controls | Prevent products from entering drains. |

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

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|----------------------------|--------------------|
| Appearance: | Liquid |
| Odor/odor threshold: | No data available |
| pH: | No data available |
| Melting point : | No data available |
| Boiling point : | No data available |
| Flash point: | No data available |
| Autoignition Temperature: | No data available |
| Decomposition temperature: | No data available |
| Upper explosion limit: | No data available |
| Lower explosion limit: | No data available |
| Vapor Pressure: | No data available |
| Vapor density: | No data available |
| Relative density: | No data available |
| Specific gravity: | No data available |
| Viscosity: | No data available |
| Partition coefficient: | No data available |
| Explosive properties: | No data available |
| Other information: | No data available. |

SECTION 10: Stability and reactivity

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| Reactivity: | No data available. |
| Chemical stability: | Stable under recommended storage conditions |
| Possibility of hazardous reactions: | Hazardous reaction has not been reported. |
| Conditions to avoid: | No data available. |
| Incompatible materials: | No dangerous reaction known under conditions of normal use. |
| Hazardous decomposition products: | No data available. |

SECTION 11: Toxicological information

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| 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 |

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RTECS: No data available

SECTION 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
Other adverse effects: No data available

SECTION 13: Disposal considerations

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

SECTION 14: Transport information

IATA / ADR / DOT-US / IMDG

Not regulated in the meaning of transport regulations.

UN number Not Applicable
UN proper shipping name Not Applicable
Transport hazard class(es) Not Applicable
Packing group Not Applicable
Environmental hazards Not Applicable
Special precautions for user Not Applicable

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not Applicable.

SECTION 15: Regulatory information

US Federal Regulations

Us Toxic Substances Control Act (TSCA): Not listed

SARA 302: No chemicals were found.

SARA 313: No chemicals were found.

SARA 311/312 Hazards : No chemicals were found.

SECTION 16: Other information

Reason for revision SDS sections updated

Version no. 1

For research use only. Not for use in diagnostic procedures.

The information provided above is believed to be correct to our best knowledge, but does not purport to be all inclusive, and shall be used only as a guide. 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. UELandy (Suzhou) shall not be held liable for any damage resulting from handling or contact with the above product.