

SAFETY DATA SHEET

Date Revised: Nov 25, 2021

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

Product Name: YF@647-Streptavidin

Catalog Number: YS0082S,YS0082L

Manufacturer/Supplier:

UElandy (Suzhou) Co., Ltd.

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

Phone: 86-512-69571710, mailbox:service@uelandy.com

Web: <http://www.uelandy.com>

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@647-Streptavidin	N/A	N/A

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SECTION 4: First aid measures

Description of first aid measures

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

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

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

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

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

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

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

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.

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