

## SAFETY DATA SHEET

Date Revised: Nov 25, 2021

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

**Product Name:** YF@405-Streptavidin

**Catalog Number:** YS0078S,YS0078L

**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

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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@405-Streptavidin	N/A	N/A

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## SECTION 4: First aid measures

### Description of first aid measures

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

## SECTION 5: Firefighting measures

<b>Extinguishing media</b>	Water spray. Carbon dioxide (CO <sub>2</sub> ). Foam. Dry chemical.
<b>Special firefighting procedures</b>	No information available. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
<b>Unusual fire and explosions hazards</b>	Emits toxic fumes under fire conditions.

## SECTION 6: Accidental release measures

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

## SECTION 7: Handling and storage

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

## SECTION 8: Exposure controls/personal protection

<b>Control parameters</b>	
<b>Exposure Limits</b>	Contains no substances with occupational exposure limit values.
<b>Engineering measures</b>	Ensure adequate ventilation, especially in confined areas.
<b>Personal Protective Equipment</b>	
<b>Respiratory protection</b>	In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards.
<b>Hand protection</b>	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.

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.