

SAFETY DATA SHEET

Date Revised: Sep 7, 2021

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name: YF®488-Phalloidin

Catalog Number: YP0059S, YP0059L

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: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous/Non-hazardous Components

Chemical Name	CAS-No	Weight %
phalloidin derivative	NOT FOUND	1

SECTION 3: HAZARDS IDENTIFICATION

Emergency Overview	
Toxic by inhalation. Toxic in contact with skin. Toxic if swallowed.	
Form	
Solid	

Principle Routes of Exposure/ Potential Health effects

Eyes	No information available
Skin	Toxic in contact with skin.
Inhalation	Toxic by inhalation.
Ingestion	Toxic if swallowed.
Specific effects	
Carcinogenic effects	No information available
Mutagenic effects	No information available
Reproductive toxicity	No information available
Sensitization	No information available
Target Organ Effects	Kidney. Liver. Heart.

SECTION 4: FIRST AID MEASURES

Skin contact	Wash off immediately with plenty of water for at least 15 minutes. Call a physician immediately.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.
Ingestion	Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician immediately.
Inhalation	Move to fresh air. Call a physician immediately.
Notes to physician	Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media Dry powder.
 Special protective equipment for firefighters In the event of fire, wear self contained breathing apparatus

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions Use personal protective equipment. Avoid contact with the skin and the eyes.
 Methods for cleaning up Avoid dust formation. Take up mechanically and collect in suitable container for disposal.

SECTION 7: HANDLING AND STORAGE

Handling Avoid dust formation.
 Storage Keep in properly labelled containers

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls

Exposure limits

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
phalloidin derivative	-	-	-	-

Engineering measures Use in a chemical fume hood

Personal protective equipment

Respiratory protection In case of insufficient ventilation wear suitable respiratory equipment

Hand protection Protective gloves

Eye protection Safety glasses with side-shields.

Skin and body protection Long sleeved clothing

Hygiene measures General industrial hygiene practice

Environmental exposure controls Avoid dust formation

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form Solid

Important Health Safety and Environmental Information

Boiling point/range °C No data available F No data available

Melting point/range °C No data available F No data available

Flash point °C No data available F No data available

Autoignition temperature °C No data available F No data available

Oxidizing properties No information available

Water solubility No data available

SECTION 10: STABILITY AND REACTIVITY

Stability Stable.

Materials to avoid Strong oxidizing agents.

Hazardous decomposition products Carbon oxides. Nitrogen oxides (NOx). Sulphur oxides.

Polymerization Hazardous polymerisation does not occur

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SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity

Chemical Name	LD50 (oral, rat/mouse)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat/mouse)
phalloidin derivative	No data available	No data available	No data available

Principle Routes of Exposure/ Potential Health effects

Eyes	No information available
Skin	Toxic in contact with skin.
Inhalation	Toxic by inhalation.
Ingestion	Toxic if swallowed.
Specific effects	
Carcinogenic effects	No information available
Mutagenic effects	No information available
Reproductive toxicity	No information available
Sensitization	No information available
Target Organ Effects	Kidney. Liver. Heart.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity effects	No information available.
Mobility	No information available.
Biodegradation	No information available.
Bioaccumulation	No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations

SECTION 14: TRANSPORT INFORMATION

IATA

Proper shipping name	Toxic solid, organic, n.o.s (phalloidin derivative)
Hazard Class	6.1
Subsidiary Class	No information available
Packing group	II
UN-No	UN3287

SECTION 15: REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	PICCS	ENCS	DSL	NDSL	AICS
phalloidin derivative	-	-	-	-	-	-

U.S. Federal Regulations

SARA 313

Not regulated

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following HAPs:

U.S. State Regulations

Chemical Name	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK	Illinois - RTK	Rhode Island - RTK
phalloidin derivative	-	-	-	-	-

California Proposition 65

This product contains the following Proposition 65 chemicals:

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WHMIS hazard class:

Not determined

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR

SECTION 16: OTHER INFORMATION

This material is sold for research and development purposes only. It is not for any human or animal therapeutic or clinical diagnostic use. It is not intended for food, drug, household, agricultural, or cosmetic use. An individual technically qualified to handle potentially hazardous chemicals must supervise the use of this material.

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End of Safety Data Sheet