



SAFETY DATA SHEET

Date Revised: May 24, 2022

SECTION 1: Product and Company Identification

Product Name: FITC, isomer I

Catalog Number: F5027

Manufacturer/Supplier:

UElandy (Suzhou) Co., Ltd.

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SECTION 2: Hazards identification

Classification according to Regulation (EC) No 1272/2008[CLP]

Physical hazards

Not classified

Health hazards

Not classified

Environmental hazards

Not classified

Additional information

Not Applicable

Labeling according to Regulation (EC) No 1272/2008[CLP]

Hazard pictogram

No Pictogram

Signal word

None

Hazard statements

Not Applicable

EU Specific Hazard Statements

Not Applicable

Precautionary statements

Prevention

Not Applicable

Response

Not Applicable

Disposal

Not Applicable

Other hazards

Not Applicable



SECTION 3: Composition/information on ingredients

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

SECTION 4: First aid measures

Description of first aid measures

Skin contact

Rinse skin with 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. Continue rinsing.

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

Suitable extinguishing media

Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.

Unsuitable extinguishing media

No information available.

Special hazards arising from the substance or mixture

Not known

Protective equipment and precautions for firefighters

Standard procedure for chemical fires.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Always wear recommended Personal Protective Equipment

Use personal protection equipment

See section 8 for more information

Environmental precautions

Avoid discharge into drains and waterways whenever possible.

Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal.

Reference to other sections

See section 8 for more information.

SECTION 7: Handling and storage

Precautions for safe handling

Use personal protective equipment as required. No special handling advices are necessary.

Conditions for safe storage, including any incompatibilities

Keep in a dry, cool and well-ventilated place. Keep in properly labelled containers.

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.

Exposure controls

Personal protection 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.

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

Avoid discharge into drains and waterways whenever possible.

SECTION 9: Physical and chemical properties

Appearance	Solid
Odour	No data
Odour threshold	No data
Molecular Weight	No data
Melting point/melting range	°C No data °F No data
Boiling point/boiling range	°C No data °F No data
Flash point	°C No data °F No data
Autoignition temperature	°C No data °F No data
Decomposition temperature	°C No data °F No data
Evaporate rate	No data
Flammability (solid, gas)	No data
Upper explosion limit	No data
Lower explosion limit	No data
Vapour Pressure	No data
Vapour density	No data
Relative density	No data
Specific gravity	No data
Solubility	No data
Partition coefficient:n-octanol/water	No data
Viscosity	No data

Explosive properties	No data
Oxidizing properties	No data

Other information

No data.

SECTION 10: Stability and reactivity

Reactivity

None known

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

Hazardous reaction has not been reported.

Conditions to avoid

No information available.

Incompatible materials

No dangerous reaction known under conditions of normal use.

Hazardous decomposition products

No data available

SECTION 11: Toxicological information

Information on toxicological effects

To the best of our knowledge, the chemical, physical, biological, and toxicological properties of this product have not been thoroughly investigated.

Principal Routes of Exposure

Skin corrosion/irritation	No information available
Serious eye damage/irritation	No information available
Respiratory or skin sensitisation	No information available
Specific target organ toxicity (STOT) - single exposure	No information available
Specific target organ toxicity (STOT) - repeated exposure	No information available
Carcinogenicity	No information available
Germ cell mutagenicity	No information available
Reproductive Toxicity	No information available
Aspiration Hazard	No information available

SECTION 12: Ecological information

Ecotoxicity

The environmental impact of this product has not been fully investigated.

Mobility in soil	No information available
Persistence and degradability	No information available

Bioaccumulative potential	No information available.
Results of PBT and vPvB assessment	No information available
Other adverse effects	No information available

SECTION 13: Disposal considerations

Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in accordance with approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations.

SECTION 14: Transport information

IATA / ADR / DOT-US / IMDG

Not classified as dangerous 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 and the IBC Code

Not Applicable.

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Substances of Very High Concern

None.

Substance subject to authorisation per REACH Annex XIV

None

Restricted substances under EC 1907/2006, Annex XVII

None.

Regulation (EC) No 649/2012 (Rotterdam Convention - export/import of dangerous chemicals)

Regulation (EU) No 2019/1021 (Stockholm Convention - persistent organic pollutants)

None

EU - Substances Depleting the Ozone layer (1005/2009)

German Water hazard classes (Wassergefährdungsklassen)

No information available.

Other International Inventories

No information available

Chemical safety assessment



No Chemical safety assessment has been carried out.

SECTION 16: Other information

Reason for revision SDS sections updated

Version no. 2

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

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