Spirochrome AG - Postfach 213
8260 Stein am Rhein - Switzerland
Email: info@spirochrome.com
Website: www.spirochrome.com

Material Safety Data Sheet

Date produced 21.04.2024; Date updated tbd

Section 1 – Product and Company Information

Product Name	SPY700-tubulin
Product No.	SC603
Use	Fluorescent probe for microscopy
Company	Spirochrome AG Postfach 213 CH-8260 Stein am Rhein Switzerland
Technical Phone	+41 52 741 14 45
E-Mail Address	info@spirochrome.com
Emergency telephone	+41 44 251 51 51 (Swiss Toxicological Information Centre)

Section 2 – Hazards Identification

SIGNAL WORD
Not hazardous

HEALTH HAZARDS
Not hazardous

PHYSICAL HAZARDS
Not hazardous

POTENTIAL HEALTH EFFECTS

Eyes	May cause eye irritation
Skin	May cause skin irritation
Inhalation	May be harmful by inhalation
Ingestion	May be harmful by ingestion

SPECIFIC EFFECTS

Carcinogenic effects	no data available
Mutagenic effects	no data available
Reproductive toxicity	no data available
Sensitization	no data available
Target organ effects	no data available

Section 3 – Composition/Information on Ingredients

Product Name	SPY700-tubulin
CAS #	none
Index No	none
Weight %	90-100

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

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Section 4 – First aid Measures

AFTER INHALATION
If inhaled, remove to fresh air. If symptoms persist, call a physician. If not breathing give artificial respiration.

AFTER SKIN CONTACT
In case of skin contact, rinse with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. If symptoms arise, call a physician.

AFTER EYE CONTACT
In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

AFTER INGESTION
If swallowed, wash out mouth with water provided person is conscious. Don not induce vomiting without medical advice. Call a physician.

Section 5 – Fire Fighting Measures

SUITABLE EXTINGUISHING MEDIA
Water spray. Carbon dioxide (CO2). Foam. Dry chemical

SPECIAL PROTECTIVE EQUIPMENT OF FIREFIGHTERS
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Section 6 – Additional Release Measures

PROCEDURE(S) OF PERSONAL PRECAUTION(S)
Use personal protective equipment

METHODS FOR CLEANING UP
Take up mechanically and collect in suitable container for disposal.

Section 7 – Handling and Storage

HANDLING
Always wear recommended Personal Protective Equipment. No special handling advice required.

STORAGE
Keep in a dry, cool, dark and well-ventilated place.

Section 8 – Exposure Controls / Personal Protection

EXPOSURE LIMITS
We are not aware of any national exposure limit.

ENGINEERING CONTROLS
Safety shower and eye bath. Ensure adequate ventilation.

PERSONAL PROTECTIVE EQUIPMENT
Respiratory Protection In case of insufficient ventilation wear suitable respiratory

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	equipment
Hand Protection	Compatible chemical-resistant gloves.
Eye Protection	Chemical safety goggles with side-shields.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.

ENVIRONMENTAL EXPOSURE CONTROLS
Prevent product from entering the drains

Section 9 – Physical and Chemical Properties

GENERAL INFORMATION

Form	solid
Appearance	white to blue solid
Odor	no information available
Boiling point/range	no data available
Melting point/range	no data available
Flash point	no data available
Autoignition temperature	no data available
Oxidizing properties	no information available
Water solubility	no data available
Solubility	DMSO

Section 10 – Stability and Reactivity

STABILITY
Stable under normal conditions

MATERIALS TO AVOID
No dangerous reaction known under conditions of normal use.

HAZARDOUS DECOMPOSITION PRODUCTS
None under normal use

HAZARDOUS POLYMERIZATION
Hazardous Polymerization does not occur

Section 11 – Toxicological Information

ACUTE TOXICITY

SPY700-tubulin	not Hazardous
LD50 (oral, rat/mouse)	no data available
LD50 (dermal, rat/rabbit)	no data available
LD50 (inhalation, rat/mouse)	no data available

PRINCIPAL ROUTES OF EXPOSURE / POTENTIAL HEALTH EFFECTS

Eyes	May cause eye irritation
Skin	May cause skin irritation
Inhalation	May be harmful by inhalation
Ingestion	May be harmful by ingestion
Carcinogenic effects	no data available
Mutagenic effects	no data available
Reproductive toxicity	no data available

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Sensitization	no data available
Target organ effects	no data available

Section 12 – Ecological Information

Ecotoxicity effects	no information available
Mobility	no information available
Biodegradation	no information available
Biodegradation	no information available

Section 13 – Disposal Considerations

Observe all local environmental regulations.

Section 14 – Transport Information

RID/ADR	Non-hazardous for road transport
IMDG	Non-hazardous for sea transport
IATA	Non-hazardous for air transport

Section 15 – Regulatory Information

Chemical safety assessment	A Chemical Safety Assessment has not been carried out.

Section 16 – OTHER INFORMATION

WARRANTY
The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS MSDS DOES NOT CONSTITUTE A WARRENTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PUPOSE.

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End of material safety data sheet