

Material Safety Data Sheet

Date produced: 17.07.2016; Date updated: -

Section 1 – Product and Company Information

Product Name SiR700-tubulin kit

Product No. SC014

Use Fluorescent probe for microscopy

Company Spirochrome AG

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Switzerland

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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 SiR700-tubulin

CAS# -

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.



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.

<u>Section 6 – Additional Release Measures</u>

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

<u>Section 9 – Physical and Chemical Properties</u>

GENERAL INFORMATION

Form solid

Appearance blue to colorless 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, methanol

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

SiR700-tubulin not Hazardous LD50 (oral, rat/mouse) no data available LD50 (dermal, rat/rabbit) no data available LD50 (inhalation, rat/mouse)

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



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 no information available no information available

Section 13 – Disposal Considerations

Observe all local environmental regulations.

<u>Section 14 – Transport Information</u>

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

<u>Section 15 – Regulatory Information</u>

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