Material Safety Data Sheet

Date produced: 17.07.2016; Date updated: -

Section 1 – Product and Company Information

Product Name  SiR700-lysosome kit  
Product No.  SC016  
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  SiR700-lysosome  
CAS #  1640283-36-8  
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. Do 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
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  
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-lysosome  
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
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 PURPOSE.

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End of material safety data sheet