Material Safety Data Sheet

Date produced 15.10.2019; Date updated 04.01.2020

Section 1 – Product and Company Information

Product Name          SPY700-DNA
Product No.           SC601
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-DNA
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.
**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 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-DNA 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

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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