FLUOROPHORE – SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifier
Product Catalog: Fluorophore
CAS or REACH Number: A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

1.2 Product use
Laboratory research.

1.3 Details of the Supplier of the Safety Data Sheet
Spatial Transcriptomics AB
Street Address: Södra Fiskartorpsvägen 15 C
City: Stockholm
Province: Stockholm
Postal Code: 114 33
Phone number: +46736697828
Email: sg@spatialtranscriptomics.com

1.4 Emergency telephone number
+1-703-527-3887 (CHEMTREC)

SECTION 2 – HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
Not a hazardous substance or mixture.

2.2 GHS Label elements, including precautionary statements
Not a hazardous substance or mixture.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS
None known.

SECTION 3 – COMPOSITION /INFORMATION ON INGREDIENTS

3.2 Mixture

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Concentration, % (v/v)</th>
<th>Cas #</th>
<th>EC Number</th>
<th>Index number</th>
<th>Classification</th>
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</thead>
<tbody>
<tr>
<td>Cyanine-3-dCTP</td>
<td>20</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Water</td>
<td>80</td>
<td>7732-18-5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SECTION 4 – FIRST AID MEASURES

4.1 Description of first aid measures

After eye contact: Rinse opened eye for several minutes under running water.
After inhalation: If breathed in, move person into fresh air. Consult physician in case of complaints.
After skin contact: Not irritating for skin.
Ingestion: Rinse mouth with water. Consult a physician if symptoms persist.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed
No data available.

SECTION 5 – FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media Dry chemical or carbon dioxide. Use water spray or alcohol-resistant foam to fight larger fires.

5.2 Special hazards arising from the substance or mixture
Not known.
5.3 Advice for firefighters
Wear self-contained breathing apparatus for fire-fighting if necessary and protective clothing to prevent contact with skin.

5.4 Further information
No further data available.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Wear protective equipment (see section 8). Avoid dust formation. Avoid breathing dust, vapour, gas, fumes, spray.

6.2 Environmental precautions
Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
6.3 Methods and material for containment and cleaning up
Soak with inert absorbent (silica gel, acid binder, sawdust, sand, universal binder). Place spilled material in clean, dry, sealable, labelled container.

6.4 Reference to other sections
See Section 13 for waste treatment information.

SECTION 7 - HANDLING AND STORAGE

7.1 Precautions for safe handling
Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Storage
Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

8.2 Exposure controls

Appropriate engineering controls: General industrial hygiene practice.

Personal protective equipment

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Protection of hands:
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
Material of gloves
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
Penetration time of glove material
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Body Protection
Choose body protection according to the amount and concentration of the dangerous substance at the work place. Acid-resistant protective clothing. Footwear protecting against chemicals.

**Respiratory protection**
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure**  Do not let product enter enter drains.

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties

**Appearance:**
- **Physical state:** Liquid
- **Colour:** Purple-magenta
- **Odour:** No data available
- **Odour threshold:** No data available.
- **pH-value:** No data available

**Change in condition**
- **Melting point/Melting range:** No data available
- **Boiling point/Boiling range:** No data available
- **Flash point:** No data available
- **Evaporation rate:** No data available
- **Flammability (solid, gas):** No data available
- **Upper/lower flammability or explosive limits:** No data available
- **Vapour pressure:** No data available
- **Vapour density:** No data available
- **Relative density:** No data available
- **Density:** No data available
- **Solubilities:** Water soluble
- **Partition coefficient: n-octanol/water:** No data available
- **Auto-ignition temperature:** No data available
- **Decomposition temperature:** No data available
- **Viscosity: Dynamic:** No data available. **Kinematic:** No data available
- **Explosive properties:** No data available
- **Oxidizing properties:** No data available

#### 9.2 Other information
No data available.

### SECTION 10 - STABILITY AND REACTIVITY

#### 10.1 Reactivity
No data available.
10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
No data available.

10.4 Conditions to avoid
No data available.

10.5 Incompatible materials
No data available.

10.6 Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced. In the event of fire, see section 5.

SECTION 11 – TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute oral toxicity: No data available.
Acute inhalation toxicity: No data available.
Acute dermal toxicity: No data available.

Skin corrosion/irritation
May cause skin irritation.

Serious eye damage/eye irritation
May cause eye irritation.

Respiratory or skin sensitisation No data available.

Germ cell mutagenicity No data available.

IARC Carcinogenicity No data available.

Reproductive toxicity No data available.

Specific target organ toxicity - single exposure No data available.
Specific target organ toxicity - repeated exposure No data available.

Aspiration hazard No data available.

Additional Information No data available

SECTION 12 – ECOLOGICAL INFORMATION
12.1 Toxicity
Toxicity to fish No data available
Toxicity to daphnia and other aquatic invertebrates No data available.
Toxicity to algae No data available

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential
No data available

12.4 Mobility in soil
Soil/water partition coefficient ($K_{ow}$): No data available
Mobility: No data available

12.5 Results of PBT and vPvB assessment
This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects
No further data available.

SECTION 13 – DISPOSAL CONSIDERATION

13.1 Waste treatment methods
Product Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging Dispose of as unused product. Do not reuse empty containers.

SECTION 14 – TRANSPORT INFORMATION

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

SECTION 15 – REGULATORY INFORMATION
SARA 302 Components
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards
No SARA Hazards.

Massachusetts Right To Know Components
No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components
Water CAS-No. 7732-18-5 Revision Date

New Jersey Right To Know Components
Water CAS-No. 7732-18-5 Revision Date

California Prop. 65 Components
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16 - OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing SDS: Spatial Transcriptomics AB
Contact: Dr. Stefania Giacomello

Disclaimer
This SDS is intended for research use only and to be used in laboratories. The SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of the materials in this kit. The information contained here has been compiled from sources considered by Spatial Transcriptomics to be dependable and is accurate to the best of the company’s knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations. This information is offered in good faith. Each user of this kit need to evaluate the conditions of use and design the appropriate protective mechanisms to prevent
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