

# SAFETY DATA SHEET

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## SECTION 1: Identification of the substance/ mixture and of the company/ undertaking

- a. Product Name : Somatic Cell Staining Solution
- Product Number : F23101
- b. Relevant identified uses of the substance or mixture and uses advised against : **Identified uses**  
Laboratory chemicals, Manufacture of substances
- c. Manufacturer & Supplier : Aligned Genetics, Inc  
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Dongan-gu, Anyang-si  
Gyeonggi-do 14055  
South Korea  
Telephone: +82-31-478-4185  
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E-mail: sales@logosbio.com
- Emergency telephone number : +82 31 478 4185

**For research use only. Not intended for human or animal diagnostic or therapeutic use.**

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## SECTION 2: Hazards identification

**a. GHS classification**

Classification according to Regulation (EC) No 1272/2008  
Carcinogenicity (Category 1B)

**b. GHS-Labeling**

Labeling according to Regulation (EC) No 1272/2008

Hazard pictograms  
Not hazardous

Signal word  
Not hazardous

Hazard statements  
Not hazardous

Precautionary statements  
Not hazardous

**c. Other hazard which do not result in classification**

None.

## SECTION 3: Composition/ Information on ingredients

### 3b. Mixtures

Component:	Trade secret
CAS-No.:	Trade secret
Weight%:	< 1%

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## SECTION 4: First aid measures

- a. In case of eye contact**  
Rinse thoroughly with plenty of water. Consult a physician.
- b. In case of skin contact**  
Wash off with soap and plenty of water. Consult a physician.
- c. If inhaled**  
Move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
- d. If swallowed**  
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
- e. General advice**  
Consult a physician. Show this safety data sheet to the doctor in attendance.

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## SECTION 5: Firefighting measures

- a. Suitable extinguishing media**  
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- b. Specific hazards arising from the chemical**  
No data available.
- c. Special protective actions for fire-fighters**  
Wear self-contained breathing apparatus and protective suit.
- d. Further information**  
No data available.

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## SECTION 6: Accidental release measures

- a. Personal precautions, protective equipment and emergency procedures**  
Use personal protective equipment. For personal protection see section 8.
- b. Environmental precautions**  
Prevent further leakage of spillage if safe to do so.
- c. Methods and materials for containment and cleaning up**  
Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.
- d. Reference to other sections**  
For disposal see section 13.

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## SECTION 7: Handling and storage

- a. Precautions for safe handling**  
Avoid contact with skin and eyes. Always wear recommended personal protective equipment.
- b. Conditions for safe storage**  
Protect against light. Keep in properly labeled containers.  
Recommended storage temperature: 2 – 8°C
- c. Specific end use(s)**  
Apart from the uses mentioned in section 1 no other specific uses are stipulated.

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## SECTION 8: Exposure controls/ personal protection

- a. Control parameters**  
Components with workplace control parameters
- b. Appropriate engineering controls**  
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of a workday.
- c. Personal protective equipment**

### Eye protection

Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

### Skin and Body protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

### Body protection

Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substances at the specific workplace.

### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### Control of Environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

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## SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

- |                                                   |                   |
|---------------------------------------------------|-------------------|
| <b>a. Appearance</b>                              | Form: liquid      |
| <b>b. Odor</b>                                    | No data available |
| <b>c. Odor Threshold</b>                          | No data available |
| <b>d. pH</b>                                      | No data available |
| <b>e. Melting point/freezing point</b>            | No data available |
| <b>f. Initial boiling point and boiling range</b> | 100°C             |
| <b>g. Flash point</b>                             | No data available |

<b>h. Evaporation rate</b>	No data available
<b>i. Flammability (solid, gas)</b>	No data available
<b>j. Lower explosion limit</b>	No data available
<b>k. Upper explosion limit</b>	No data available
<b>l. Vapour pressure</b>	No data available
<b>m. Vapour density</b>	No data available
<b>n. Specific Gravity/Relative density</b>	No data available
<b>o. Solubility</b>	Soluble
<b>p. Partition coefficient: n-octanol / water</b>	No data available
<b>q. Auto-ignition temperature</b>	No data available
<b>r. Decomposition temperature</b>	No data available
<b>s. Viscosity</b>	No data available
<b>t. Explosive properties</b>	No data available
<b>u. Oxidizing properties</b>	No data available

**Other safety information**

No data available

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## SECTION 10: Stability and reactivity

- a. Stability**  
Stable under recommended storage conditions.
- b. Reactivity**  
No data available.
- c. Possibility of hazardous reactions**  
No data available.
- d. Conditions to avoid**  
No data available.
- e. Incompatible materials**  
Strong oxidizing agents.
- f. Hazardous decomposition products**  
Other decomposition products – No data available.  
In the event of fire: see section 5.

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## SECTION 11: Toxicological information

- a. Delayed and immediate effects and also chronic effect from short and long term exposure**
  - Acute toxicity**  
No data available.
  - Skin corrosion/irritation**  
No data available.
  - Serious eye damage/eye irritation**  
No data available.
  - Respiratory or skin sensitization**  
No data available.
  - Germ cell mutagenicity**

No data available.

**Carcinogenicity**

**IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC

**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**

RTECS: SF7949600

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**SECTION 12: Ecological information**

**a. Toxicity**

No data available.

**b. Persistence and degradability**

No data available.

**c. Bioaccumulative potential**

No data available.

**d. Mobility in soil**

No data available.

**e. Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

**f. Other adverse effects**

No data available.

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**SECTION 13: Disposal considerations**

**a. Disposal methods**

Offer surplus and non-recyclable solutions to a licensed disposal company.

**b. Contaminates packaging**

Dispose of as unused product.

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**SECTION 14: Transport information**

<b>UN number</b>	ADR/RID: -	IMDG: -	IATA: -
<b>UN proper shipping name</b>	ADR/RID: Not dangerous goods	IMDG: Not dangerous goods	IATA: Not dangerous goods

<b>Transport hazard class(es)</b>	ADR/RID: -	IMDG: -	IATA: -
<b>Packaging group</b>	ADR/RID: -	IMDG: -	IATA: -
<b>Environmental hazards</b>	ADR/RID: no	IMDG Marine pollutant: no	IATA: no
<b>Special precautions for user</b>	No data available		

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## SECTION 15: Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

- a. Regulation under the Occupational Safety and Health Act**  
No data available.
- b. Chemical safety assessment**  
For this product a chemical safety assessment was not carried out.

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## SECTION 16: Other information

### Further information

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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Logos Biosystems, Inc. and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See the reverse side of invoice or packing slip for additional terms and conditions of sale.

End of Safety Data Sheet