

# Safety Data Sheet

## CELLINK START

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** CELLINK START

**Product Number:** IK1900000310, IK1900000305, IK1900005001, IK1900000350, IK1900010301, IK1900010310, IK1900010305, IK1900010350,

**Brand:** CELLINK

**General use:** For use as bioink in 3D Bioprinting, cell encapsulation and delivery, tissue engineering and regenerative medicine, biomedical devices, drug delivery for research. Not for human use, for research only.

**Company Address:**

CELLINK Bioprinting LLC  
100 Franklin St.  
Boston, MA 02110  
USA

CELLINK Bioprinting AB  
Långfilsgatan 7  
SE41276 Göteborg  
Sweden

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**Emergency Telephone Number:**

US:  
+1(833) 235-5465

EU:  
+46 31-128-700

support@cellink.com  
www.cellink.com

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### 2. HAZARDS IDENTIFICATION

**Potential Health Effects:** No significant health effects expected.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous chemical name	CAS#	EC No.	EC Class	Concentration %
None	N/A	N/A	N/A	N/A

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#### 4. FIRST AID MEASURES

**In case of eye contact:** Flush eyes with water as a precaution.

**In case of skin contact:** Wash with soap and plenty of water.

**If swallowed:** Never give anything by mouth to an unconscious person. Rinse mouth with water.

**If inhaled:** If breathed in, move person into fresh air. If any breathing difficulty or discomfort occurs and persist, obtain medical attention.

**Notes to Medical Doctor:** This product has low oral and inhalation toxicity. It is not skin sensitizer and is non-irritating to the skin and eyes.

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#### 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

**Fire/Explosion Hazards:** No data available.

**Fire Fighting Procedures:** Wear self-contained breathing apparatus for firefighting if necessary.

**Flammable Limits:** No data available.

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#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment, and emergency procedures:** Avoid dust formation. Avoid breathing vapors, mist or gas.

**Environmental precautions:** Do not let product enter drains.

**Methods and materials for containment and cleaning up:** Sweep up and shovel. Keep in suitable, closed containers for disposal.

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#### 7. HANDLING AND STORAGE

**Precautions for safe handling:** Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

**Conditions for safe storage:** Keep container tightly closed in a dry and well-ventilated place.

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#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Limits:** N/A

**Personal Protection Equipment:** N/A

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## 9. PHYSICAL AND CHEMICAL PROPERTIES.

<b>Appearance:</b>	Blue viscous liquid
<b>Upper/lower flammability:</b>	N/A
<b>Odor:</b>	Slight Fragrance
<b>Vapor Pressure:</b>	N/A
<b>Odor Threshold:</b>	N/A
<b>Vapor Density:</b>	N/A
<b>pH:</b>	N/A
<b>Relative Density:</b>	1 g/mL
<b>Melting Point:</b>	N/A
<b>Solubility in Water:</b>	Water dispersion and solution
<b>Boiling Point:</b>	Around 100°C
<b>Flash Point:</b>	N/A
<b>Evaporation Rate:</b>	N/A
<b>Flammability:</b>	N/A
<b>Partition Coefficient:</b>	N/A
<b>Auto-ignition Temp:</b>	N/A
<b>Decomposition Temp:</b>	N/A
<b>Viscosity:</b>	N/A

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## 10. STABILITY AND REACTIVITY

<b>Conditions to avoid:</b>	None
<b>Reactivity:</b>	No data available
<b>Stability:</b>	Stable under recommended storage conditions.

**Possibility of hazardous reactions:** No data available.  
**Incompatible materials:** None  
**Hazardous decomposition products:** None

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## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity:

Oral LD50: No data for the formulation.

Inhalation: No data available.

Dermal: No data available.

**Skin Corrosion/irritation:** No data available.

**Serious eye damage/eye irritation:** No data available.

**Germ cell mutagenicity:** No data available.

### Carcinogenicity:

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as Aldrich - W201502 Page 5 of 6 probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**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: Not available.

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## 12. ECOLOGICAL INFORMATION

**Toxicity:** No data available.

**Persistence and degradability:** No data available.



**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:**

None

**New Jersey Right To Know Components:**

None

**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.

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## 16. OTHER INFORMATION

### HMIS Rating

Health hazard: 0

Chronic Health Hazard: 0

Flammability: 0

Physical Hazard: 0

### NFPA Rating

Health hazard: 0

Fire Hazard: 0

Reactivity Hazard: 0