

# SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Identification

Product Name SDS Removal Solution  
Product Number C33005

### Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Laboratory chemicals, Manufacture of substances

### Manufacturer

Aligned Genetics, Inc.  
FL 3 28 Simindaero 327 beon-gil  
Dongan-gu, Anyang-si  
Gyeonggi-do 14055  
South Korea  
Telephone: +82-31-478-4185  
Fax: +82-31-360-4277  
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### Supplier

Aligned Genetics, Inc.  
FL 3 28 Simindaero 327 beon-gil  
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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.**

## 2. HAZARDS IDENTIFICATION

### [GHS classification]

#### Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Serious eye damage/eye irritation (Category 2)

#### Label elements

Labeling according Regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Warning

Hazard statements

H319 – Causes serious eye irritation.

Precautionary statements

P264 – Wash skin thoroughly after handling.

P280 – Wear eye protection/ face protection.

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 – If eye irritation persists: Get medical advice/ attention.

**Other hazards**

None

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Mixtures**

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

### 4. FIRST AID MEASURES

**Description of first aid measures**

In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
In case of skin contact	Wash off with soap and plenty of water. Consult a physician.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Most important acute symptoms/effects	No data available

### 5. FIRE-FIGHTING MEASURES

**Extinguishing media**

**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the chemical**

No data available

**Special protective actions for fire-fighters**  
Wear self-contained breathing apparatus for firefighting if necessary.

**Further information**  
No data available

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## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**  
Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

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

**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.

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## 7. HANDLING AND STORAGE

**Precautions for safe handling**  
Avoid contact with skin and eyes. Avoid inhalation of vapor or mist

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

**Specific end use(s)**  
No data available

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control parameters**  
Contains no substances with occupational exposure limit values.

**Appropriate engineering controls**  
No data available

### Personal protective equipment

<b>Respiratory protection</b>	Hood
<b>Hand protection</b>	Protective gloves
<b>Eye protection</b>	Safety glasses
<b>Skin and Body protection</b>	Handle with Protective gloves and wear lab clothing

Control of Environmental exposure	Hood
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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance	Form: viscous Color: colorless
Odor	No data available
Odor Threshold	No data available
pH	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	175 - 181 °C at 1 hPa
Flash point	211 °C - closed cup
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Vapor pressure	0.000011 hPa at 20 °C - OECD Test Guideline 104
Vapor density	No data available
Relative vapor density	No data available
Solubility	Soluble in water
Partition coefficient: n-octanol / water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Dynamic viscosity	No data available

### Other safety information

No data available

## 10. STABILITY AND REACTIVITY

### Stability

Stability	Stable under recommended storage conditions.
Reactivity	No data available

### Possibility of hazardous reactions

No data available

### Conditions to avoid

No data available

**Incompatible products**

acids, Acid chlorides, Acid anhydrides, Oxidizing agents, Chloroformates

**Hazardous decomposition products**

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NOx)

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## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure Inhalation**

May be harmful if inhaled. May cause respiratory tract irritation.

**Skin corrosion/irritation**

May be harmful if swallowed.

**Serious eye damage/eye irritation**

Causes serious eye irritation

**Respiratory or skin sensitization**

Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

**Germ cell mutagenicity**

No further relevant information available

**Carcinogenicity**

IARC: No ingredient 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

**Signs and Symptoms of Exposure**

May cause an asthmatic-like bronchitis., To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

**Additional Information**

RTECS: UB5604000

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## 12. ECOLOGICAL INFORMATION

**Toxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects**

No data available

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**13. DISPOSAL CONSIDERATIONS****Disposal methods**

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

**Contaminated packaging**

Dispose of as unused product.

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**14. TRANSPORT INFORMATION****IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

**Further information**

Not classified as dangerous in the meaning of transport regulations.

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**15. REGULATORY INFORMATION**

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

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

No data available

**Chemical safety assessment**

No further relevant information available

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**16. OTHER INFORMATION****Further information**

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End of Safety Data Sheet