

# STUDIUM GENETICS

## *Safety Data Sheet* *Acc. To OSHA HCS*

Printing date: 10/02/2023

Reviewed: 10/02/2023

### 1 Identification

- **Product identifier**
- **Trade name:** SG Oral Collection Kit
- **Article number:** Cat. N. SG001-5
- **Application of the substance / the mixture:** Laboratory reagent contained in collection vials (preservation solution)
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
European and international contact information:  
Stodium Genetics S.r.l., via Francesco Petrarca 2  
40136 Bologna Italy  
Customer support: +39 051 0321925  
For more information visit [www.stodiumgenetics.com](http://www.stodiumgenetics.com)  
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- **Information department:** Product safety department
- **Emergency telephone number:** during normal business hours from 9:00 a.m. to 17:00 CET  
+39 051 0321925

### 2 Hazard identification

Classification of the substance or mixture



GHS07

Acute Tox. 4 H302 Harmful if swallowed.  
Skin Irrit. 2 H315 Causes skin irritation.  
Eye Irrit. 2B H320 Causes eye irritation.

- **Label elements**
- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms** GHS07

- **Signal word** Warning
- **Hazard statements**

Harmful if swallowed.

Causes skin and eye irritation.

- **Precautionary statements**

Wear protective gloves.

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Specific treatment (see on this label).

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Rinse mouth.

IF ON SKIN: Wash with plenty of water.

Take off contaminated clothing and wash it before reuse.

Dispose of contents/container in accordance with local/regional/national/international regulations.

- *Classification system:*
- *NFPA ratings (scale 0 - 4)*



- *HMIS-ratings (scale 0 - 4)*

HEALTH	2	Health = 2
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0

## Other hazards

- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

## 3 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description: This product is a proprietary solution of Zymo Research.
- Dangerous components: Void

## 4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult a physician in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**

Rinsed opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- **After swallowing:** Do not induce vomiting; immediately call for medical help.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

## 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents**

This product is not flammable. Use fire fighting measures that suit the environment. No unusual fire or explosion hazards noted.

- **Advice for firefighters**
- **Protective equipment:** Wear protective clothing.

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Wear protective clothing.
- **Environmental precautions:** Dilute with plenty of water.
- **Methods and material for containment and cleaning up:** Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.
- **Reference to other sections** See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

## 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special measures required.
- **Information about storage in one common storage facility:** No special measures required. · **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Protection of hands:** Use appropriate gloves. Avoid contact with skin.
- **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.
- **Eye protection:** Avoid contact with eyes.
- **Body protection:** Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Remove contaminated clothing and wash before use. Avoid ingestion and inhalation.

## 9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
- **Form:** Liquid
- **Color:** Colorless
- **Odor:** No information available
- **Other threshold:** Not determined
- **pH value:** 5.00-7.00
- **Change in condition**
- **Melting point/Melting range:** Undetermined
- **Boiling point/Boiling range:** Undetermined
- **Flash point:** Not applicable
- **Flammability (solid, gaseous):** Not applicable
- **Ignition temperature:** Not applicable
- **Decomposition temperature:** Not determined
- **Auto igniting:** product is not self-igniting
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits: Lower:** Not applicable.
- **Upper:** Not applicable
- **Vapor pressure:** Not applicable
- **Density:** Not applicable
- **Relative density:** Not applicable
- **Vapor density:** Not applicable
- **Evaporation date:** Not applicable
- **Solubility in /Miscibility with:** water: fully miscible.
- **Partition coefficient (n-octanol/water):** Not determined
- **Viscosity:** Dynamic: Not determined; Kinematic: Not determined
- **Solvent content: Organic solvents:** 0.0%

- **Other information** No further relevant information available

## 10 Stability and reactivity

- **Reactivity** Strong oxidizing agents and acids.
- **Possibility of hazardous reactions** Strong oxidizing agents and acids.
- **Conditions to avoid** Strong oxidizing agents and acids.
- **Incompatible materials:** Strong oxidizing agents and acids.

## 11 Toxicological information

### Information on toxicological effects

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating to eyes.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
- **Carcinogenic categories:**
- **IARC (International Agency for Research on Cancer)** None of the ingredients is listed
- **NTP (National Toxicology Program)** None of the ingredients is listed
- **OSHA-Ca (Occupational Safety & Health Administration)** None of the ingredients is listed.

## 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

## 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Do not dispose with household garbage.
- **Uncleaned packagings:**
- **Recommendation:** Dispose of container in accordance with local/regional/national and international recommendations.

## 14 Transport information

- **UN-Number** Not dangerous goods.
- **DOT, AND, IMDG, IATA** not regulated

- *UN proper shipping name* Not dangerous goods
- *DOT, AND, IMDG, IATA* not regulated
  
- *Transport hazard classes* Not dangerous goods
- *DOT, AND, IMDG, IATA class* not regulated
  
- **Packing group** Not dangerous goods
- **DOT, IMDG, IATA** Not regulated
  
- **Environmental hazards:** Not applicable
  
- **Special precautions for user** Not applicable
  
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable
  
- **UN “Model Regulation”:** not regulated

## **15 Regulatory information**

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**
- **Section 355 (extremely hazardous substances):** None of the ingredients is listed
- **Section 313 (specific toxic chemical listings):** None of the ingredients is listed
- **TSCA (Toxic Substances Control Act):** None of the ingredients is listed
- **Proposition 65, Chemical known to cause cancer:** None of the ingredients is listed
- **Chemical known to cause reproductive toxicity for females:** None of the ingredients is listed
- **Chemicals known to cause reproductive toxicity for males:** None of the ingredients is listed
- **Chemicals known to cause development toxicity:** None of the ingredients is listed

### **Carcinogenic categories**

- **EPA (Environmental Protection Agency)** None of the ingredients is listed
- **TLV (Threshold Limit Value established by ACGIH)** None of the ingredients is listed
- **NIOSH-Ca (National Institute for Occupational Safety and Health)** None of the ingredients is listed
- **GSH label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms** GHS07
- **Signal word** Warning
- **Hazard statements** Harmful if swallowed, Causes skin and eye irritation
- **Precautionary statements**
  - Wear protective gloves.
  - Wash thoroughly after handling.
  - Do not eat, drink or smoke when using this product.
  - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - Specific treatment (see on this label).
  - IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
  - If skin irritation occurs: Get medical advice/attention.
  - If eye irritation persists: Get medical advice/attention.
  - Rinse mouth.
  - IF ON SKIN: Wash with plenty of water.
  - Take off contaminated clothing and wash it before reuse.
  - Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### **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:**

**European and international contact information:**

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- **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society) NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2B: Serious eye damage/eye irritation – Category 2B



