

# SureSeq™ COT Human DNA

## SAFETY DATA SHEET



A Sysmex Group Company

ACCORDING TO US CFR 1910.1200

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Product Name SureSeq™ COT Human DNA  
Product code 500025 SureSeq™ COT Human DNA – 250µl  
500028 SureSeq™ COT Human DNA – 75µl  
500032 SureSeq™ COT Human DNA – 1ml  
CAS No. None assigned.

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

Identified Use(s) Analytical reagent. For research use only.  
Uses Advised Against Not known.

#### 1.3 Details of the supplier of the safety data sheet

Company Identification Oxford Gene Technology Inc.  
(North America office)  
520 White Plains Road, Suite 500  
Tarrytown, NY 10591  
Telephone 914 467 5285  
E-mail support@ogt.com

#### 1.4 Emergency telephone number

Company 914 467 5285

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

US CFR 1910.1200 Not classified as dangerous for supply/use.

#### 2.2 Label elements

Product Name SureSeq™ COT Human DNA  
Hazard Pictogram(s) None.  
Signal Word(s) None.  
Hazard Statement(s) None.  
Precautionary Statement(s) None.

#### 2.3 Other hazards

None known.

#### 2.4 Additional Information

None.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

Not applicable.

#### 3.2 Mixtures

Contains: No classifiable hazardous ingredient(s).



#### SECTION 4: FIRST AID MEASURES

##### 4.1 Description of first aid measures

Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact	Wash skin with water.
Eye Contact	Flush eyes with water for at least 15 minutes.
Ingestion	Wash out mouth with water.

##### 4.2 Most important symptoms and effects, both acute and delayed

None anticipated.

##### 4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

#### SECTION 5: FIREFIGHTING MEASURES

##### 5.1 Extinguishing media

Suitable extinguishing media	As appropriate for surrounding fire.
Unsuitable extinguishing media	None known.

##### 5.2 Special hazards arising from the substance or mixture

Heating may cause decomposition.

##### 5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

##### 6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures.

##### 6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

##### 6.3 Methods and material for containment and cleaning up

Cover spills with inert absorbent material. Transfer to a container for disposal.

##### 6.4 Reference to other sections

See Also Section 8, 13.

#### SECTION 7: HANDLING AND STORAGE

##### 7.1 Precautions for safe handling

General hygiene measures for the handling of chemicals are applicable. Wear protective equipment to comply with good occupational hygiene practice. Do not eat, drink or smoke at the work place. Wash hands and exposed skin after use.

##### 7.2 Conditions for safe storage, including any incompatibilities

Storage temperature	Ambient.
Storage life	Stable under normal conditions.
Incompatible materials	None known.

##### 7.3 Specific end use(s)

Blocking agent.



## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1 Control parameters

## 8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
None assigned						

## 8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

## 8.2.2. Personal protection equipment



Eye Protection

Not normally required.

Handling of larger amounts: Wear protective eye glasses for protection against liquid splashes.



Skin protection

Not normally required.

Wear suitable gloves if prolonged skin contact is likely.



Respiratory protection

Normally no personal respiratory protection is necessary.

Wear suitable respiratory protective equipment if exposure to high levels of material are likely.



Thermal hazards

Not applicable.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

## 9.1 Information on basic physical and chemical properties

Appearance	Liquid. Color : Clear, Colorless.
Odor	Odorless.
Odor threshold	Not established.
pH	7-8
Melting point/freezing point	~0°C
Initial boiling point and boiling range	~100°C
Flash Point	Not applicable.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Vapor pressure	~23 hPa
Vapor density	Not available.
Density (g/ml)	Not available.
Relative density	Not available.
Solubility(ies)	Soluble in water.
Partition coefficient: n-octanol/water	Not available.

# SureSeq™ COT Human DNA

## SAFETY DATA SHEET



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Auto-ignition temperature	Not applicable.
Decomposition Temperature (°C)	Not available.
Viscosity	Not available.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

### 9.2 Other information

None.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable under normal conditions.

### 10.2 Chemical Stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

### 10.4 Conditions to avoid

Heat and direct sunlight.

### 10.5 Incompatible materials

None known.

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute toxicity	Low acute toxicity.
Skin corrosion/irritation	Non-irritant.
Serious eye damage/irritation	Non-irritant.
Skin sensitization data	It is not a skin sensitizer.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	There is no evidence of mutagenic potential.
Carcinogenicity	No evidence of carcinogenicity.
Reproductive toxicity	No evidence of reproductive effects.
Lactation	Not classified.
STOT - single exposure	None anticipated.
STOT - repeated exposure	None anticipated.
Aspiration hazard	Not classified.

### 11.2 Other information

None.



## SECTION 12: ECOLOGICAL INFORMATION

- 12.1 Toxicity**  
Low toxicity to aquatic organisms.
- 12.2 Persistence and Degradation**  
No information available.
- 12.3 Bioaccumulative potential**  
No information available.
- 12.4 Mobility in soil**  
The product is predicted to have high mobility in soil.
- 12.5 Other adverse effects**  
Not known.

## SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods**  
Dispose of empty containers and wastes safely.
- 13.2 Additional Information**  
Disposal should be in accordance with local, state or national legislation.

## SECTION 14: TRANSPORT INFORMATION

Not classified as dangerous for transport.

- 14.1 UN number**  
Not applicable.
- 14.2 UN proper shipping name**  
Not applicable.
- 14.3 Transport hazard class(es)**  
Not applicable.
- 14.4 Packing group**  
Not applicable.
- 14.5 Environmental hazards**  
Not applicable.
- 14.6 Special precautions for user**  
Not applicable.
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**  
Not applicable.

## SECTION 15: REGULATORY INFORMATION

- 15.1 US Federal Regulations**
- |   |             |
|---|-------------|
| Toxic and hazardous substances (29 CFR 1910; Subpart Z)                 | Not listed. |
| National emission standards for hazardous air pollutants (40 CFR 61.01) | Not listed. |
| SARA Title III Section 313  | Not listed. |
| TSCA (Toxic Substance Control Act)                                      | Not listed. |
| CAA 602 - Ozone Depleting Substances (ODS)                              | Not listed. |

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## 15.2 US State Regulations - State Right to Know Lists

Proposition 65 (California)	Not listed.
Minnesota	Not listed.
New Jersey	Not listed.
Pennsylvania	Not listed.
Rhode Island	Not listed.

## 15.3 Other

OSPAR List of Chemicals for Priority Action	Not listed.
OSHA (List of Highly Hazardous Chemicals, Toxics and Reactives)	Not listed.
NTP (National Toxicology Program )	Not listed.
IARC (International Agency for Research on Cancer )	Not listed.

## SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 16

NFPA Rating	
Health	0
Flammability	0
Instability	0
Special Hazards	

## LEGEND

### Acronyms

CAS : Chemical Abstracts Service  
LTEL : Long term exposure limit  
STEL : Short term exposure limit  
STOT : Specific Target Organ Toxicity  
UN : United Nations

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