

# **Safety Data Sheet**

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name	Human CorPlex Cytokine 1 Array (10-Plex)
Description	Kit consisting of various components with appropriate instructions for the customer to prepare reagents to be tested on SP-X instrument for detection and quantification of proteins; the components are non-hazardous, non-toxic and non-infectious compounds; not for human use.
Manufacturer	Quanterix Corporation
Address	900 Middlesex Turnpike, Building 1, Billerica, MA 01821
Product Number	85-0329 (116-7BF-1-AB)
SDS Issued	20 May 2019
Telephone	(617) 301-9400
Intended Use of the	Product

Immunoassay on Quanterix SP-X; For Research Use Only. Not for Diagnostic Purposes.

Component #	Description
97-0329	Precoated Plate
98-0329	Biotinylated Antibody Reagent
1858089	Supersignal® Luminol/Enhancer Solution
1858090	Supersignal® Stable Peroxide Solution
1858263	Streptavidin-HRP Reagent
1860055	25X Wash Buffer
1863329	Sample Diluent 21
18910034	Human IL-12p70 standard
18910040	Human IL-1 $\beta$ standard
1858452	Human IL-4 standard
1858462	Human IL-5 standard
1858260	Human IFNγ standard
18910044	Human IL-6 standard
1858454	Human IL-8 standard
1880012	Human TNFα standard



18910036 Human IL-22 standard 18910043 Human IL-10 standard

#### A. Product Name: Pre-Coated Plates (Part # 97-0329)

#### 1. Hazards identification

Physical state: Solid.

#### OSHA/HCS status:

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

#### Potential acute health effects

Inhalation No known significant effects or critical hazards. Ingestion No known significant effects or critical hazards. No known significant effects or critical hazards. Skin No known significant effects or critical hazards. Eyes

#### Potential chronic health effects

Carcinogenicity: No known significant effects or critical hazards. **Mutagenicity:** No known significant effects or critical hazards. Teratogenicity: No known significant effects or critical hazards.

Developmental

No known significant effects or critical hazards. effects: Chronic effects: No known significant effects or critical hazards.

### 2. Composition/information on ingredients

Substance/preparation: Substance

There are no ingredients or additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

#### 3. First aid measures

## Inhalation

Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention if symptoms occur. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### Ingestion

Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if symptoms occur. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### Skin contact

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

#### Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

#### Protection of



first-aiders: No action shall be taken involving any personal risk or without suitable training.

### 4. Handling and storage

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry. Storage:

> cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate

containment to avoid environmental contamination.

Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be Handling:

prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not ingest. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

### 5. Exposure controls/personal protection

Recommended monitoring

procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or

biological monitoring may be required to determine the effectiveness of the ventilation or other

control measures and/or the necessity to use respiratory protective equipment.

No special ventilation requirements. Good general ventilation should be sufficient to control worker Engineering measures:

exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker

exposure below any recommended or statutory limits.

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating.

> smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before

> reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection

Respiratory: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk

assessment indicates this is necessary. Respirator selection must be based on known or

anticipated exposure levels, the hazards of the product and the safe working limits of the selected

respirator.

Hands: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all

times when handling chemical products if a risk assessment indicates this is necessary.

Eyes: Safety eyewear complying with an approved standard should be used when a risk assessment

indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Skin: Personal protective equipment for the body should be selected based on the task being performed

and the risks involved and should be approved by a specialist before handling this product.

#### 6. Disposal considerations

Waste disposal: The generation of waste should be avoided or minimized wherever possible. Dispose of surplus

> and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Hazardous waste: Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as

defined by EU Directive 91/689/EEC.

Disposal should be in accordance with applicable regional, national and local laws and regulations.



#### Biotinvlated Antibody Reagent (Part # 98-0329) **B. Product name:**

1. Hazards identification

Physical state: Liquid. Odor: Odorless.

OSHA/HCS status: While this material is not considered hazardous by the OSHA Hazard Communication

> Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and

available for employees and other users of this product.

NOT EXPECTED TO PRODUCE SIGNIFICANT ADVERSE HEALTH EFFECTS WHEN **Emergency overview:** 

THE RECOMMENDED INSTRUCTIONS FOR USE ARE FOLLOWED.

No known significant effects or critical hazards. Avoid prolonged contact with eyes, skin

and clothing.

Routes of entry: Dermal contact. Eye contact. Inhalation. Ingestion.

Potential acute health effects

Inhalation: No known significant effects or critical hazards. Ingestion: No known significant effects or critical hazards. Skin: No known significant effects or critical hazards. Eyes: No known significant effects or critical hazards.

Potential chronic health effects

Chronic effects: No known significant effects or critical hazards. Carcinogenicity: No known significant effects or critical hazards. No known significant effects or critical hazards. Mutagenicity: No known significant effects or critical hazards. Teratogenicity: Developmental effects: No known significant effects or critical hazards. Fertility effects: No known significant effects or critical hazards.

Over-exposure signs/symptoms

Inhalation: No specific data. Ingestion: No specific data. No specific data. Skin: Eyes: No specific data

Medical conditions aggravated by overexposure: None known

2. Composition/information on ingredients

Ingredient name CAS EC number Classification

Number

Sodium Azide 26628-22-8 0 - 0.1247-852-1 T+; R28 [1] [2]

There are no ingredients or additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

3. First aid measures

Inhalation: Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if

breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained

personnel. Get medical attention if symptoms occur. If unconscious, place in

recovery position and get medical attention immediately. Maintain an open airway. Loosen tight

clothing such as a collar, tie, belt or waistband.

Ingestion: Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep

person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if



symptoms occur. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get

medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before

reuse.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper

and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation

occurs.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training.

### 4. Handling and storage

Handling: Put on appropriate personal protective equipment. Eating, drinking and smoking should be

> prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers

retain product residue and can be hazardous. Do not reuse container.

Storage: Store in accordance with local regulations. Store in original container protected from direct sunlight

> in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled

containers. Use appropriate containment to avoid environmental contamination.

### 5. Exposure controls/personal protection

Recommended monitoring

Procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or

biological monitoring may be required to determine the effectiveness of the ventilation or other

control measures and/or the necessity to use respiratory protective equipment.

No special ventilation requirements. Good general ventilation should be sufficient to control worker Engineering measures:

exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker

exposure below any recommended or statutory limits.

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating,

> smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk Respiratory:

assessment indicates this is necessary. Respirator selection must be based on known or

anticipated exposure levels, the hazards of the product and the safe working limits of the selected

respirator.

Hands: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all

times when handling chemical products if a risk assessment indicates this is necessary.

Eyes: Safety evewear complying with an approved standard should be used when a risk assessment

indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Skin Personal protective equipment for the body should be selected based on the task being performed

and the risks involved and should be approved by a specialist before handling this product.

**Environmental exposure** 

controls: Emissions from ventilation or work process equipment should be checked to ensure they comply

with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions



to acceptable levels.

#### 6. Disposal considerations

Waste disposal The generation of waste should be avoided or minimized wherever possible.

> Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of

> environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains

and sewers.

Hazardous waste: The classification of the product may meet the criteria for a hazardous waste.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

## C. Product name: Luminol/Enhancer Solutions (part # 1858089)

#### 1. Hazards identification

Physical state: Liquid. [Clear sparkling liquid.]

OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR

1910.1200).

WARNING! **Emergency overview** 

> CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION. MAY BE HARMFUL IF SWALLOWED. CONTAINS MATERIAL THAT CAN CAUSE TARGET ORGAN DAMAGE. Harmful if swallowed. Irritating to eyes, respiratory system and skin. Avoid exposure - obtain special instructions before use. Do not breathe vapor or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Contains material that can cause target organ damage. Use only with adequate ventilation. Keep container tightly closed and sealed until ready for use. Wash thoroughly

after handling.

Routes of entry: Eye contact. Inhalation. Ingestion.

Potential acute health effects

Inhalation Irritating to respiratory system. Exposure to decomposition products may cause a health hazard.

Serious effects may be delayed following exposure.

Ingestion: Harmful if swallowed. Skin: Irritating to skin Eyes: Irritating to eyes.

#### 2. Composition/information on ingredients

Name		CAS number	%
Tris (Tris(hydroxymeth	nyl)aminometh	ane) 77-86-1	1 - 3
Ethylene Glycol		107-21-1	1 – 3
1	1 - 3	203-473-3	Xn; R22 [1] [2]

There are no ingredients or additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

#### 3. First aid measures

Inhalation: Move exposed person to fresh air. If it is suspected that fumes are still present, the rescuer should

wear an appropriate mask or self-contained breathing apparatus. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-tomouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie,



belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Ingestion: Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air.

Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight

clothing such as a collar, tie, belt or waistband.

Skin contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue

to rinse for at least 10 minutes. Get medical attention, Wash clothing before reuse. Clean shoes

thoroughly before reuse.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper

and lower eyelids. Check for and remove any contact lenses. Get medical attention.

Protection of

first-aiders: No action shall be taken involving any personal risk or without suitable training. If it is suspected

that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth

resuscitation.

### 4. Handling and storage

Handling: Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking

should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers

retain product residue and can be hazardous. Do not reuse container.

Storage: Store in accordance with local regulations. Store in original container protected from direct sunlight

in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled

containers. Use appropriate containment to avoid environmental contamination.

#### 5. Exposure controls/personal protection

Recommended monitoring

Procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or

biological monitoring may be required to determine the effectiveness of the ventilation or other

control measures and/or the necessity to use respiratory protective equipment.

**Engineering** 

Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use measures:

process enclosures, local exhaust ventilation or other engineering controls to keep worker

exposure to airborne contaminants below any recommended or statutory limits.

#### 6. Disposal considerations

Waste disposal: The generation of waste should be avoided or minimized wherever possible. Dispose of surplus

and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as Hazardous waste: defined by EU Directive 91/689/EEC.

Disposal should be in accordance with applicable regional, national and local laws and regulations. Refer to Section 4: HANDLING AND STORAGE and Section 5: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.



### D. Product name: Stable Peroxide Solution (Part # 1858090)

#### 1. Hazards identification

Physical state: Liquid. [Clear sparkling liquid.]

OSHA/HCS status: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29

CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of

this product.

Emergency overview: NOT EXPECTED TO PRODUCE SIGNIFICANT ADVERSE HEALTH EFFECTS WHEN THE

RECOMMENDED INSTRUCTIONS FOR USE ARE FOLLOWED.

No known significant effects or critical hazards. Avoid prolonged contact with eyes, skin and

clothing.

**Routes of entry:** Eye contact. Inhalation. Ingestion.

Potential acute health effects

Inhalation:No known significant effects or critical hazards.Ingestion:No known significant effects or critical hazards.Skin:No known significant effects or critical hazards.Eyes:No known significant effects or critical hazards.

Potential chronic health effects

**Chronic effect :** No known significant effects or critical hazards. **Carcinogenicity:** No known significant effects or critical hazards.

### 2. Composition/information on ingredients

There are no ingredients or additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

#### 3. First aid measures

Inhalation: Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is

irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention if symptoms occur. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or

waistband.

**Ingestion:** Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep

person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if symptoms occur. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight

clothing such as a collar, tie, belt or waistband.

**Skin contact:** Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get

medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before

reuse.

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper

and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation

occurs.

**Protection of first-aiders:** No action shall be taken involving any personal risk or without suitable training.

#### 4. Handling and storage



Handling: Store in accordance with local regulations. Store in original container protected from direct sunlight

in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled

containers. Use appropriate containment to avoid environmental contamination.

Storage: Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking

should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an

approved alternative made from a compatible material, kept tightly closed when not in use. Empty

containers retain product residue and can be hazardous. Do not reuse container.

### 5. Exposure controls/personal protection

Recommended monitoring

procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or

biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Engineering measures: No special ventilation requirements. Good general ventilation should be sufficient to control worker

exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker

exposure below any recommended or statutory limits.

**Hygiene measures:** Wash hands, forearms and face thoroughly after handling chemical products, before eating,

smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection

**Respiratory:** Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk

assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected

respirator.

**Hands:** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all

times when handling chemical products if a risk assessment indicates this is necessary.

Eyes: Safety eyewear complying with an approved standard should be used when a risk assessment

indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

**Skin:** Personal protective equipment for the body should be selected based on the task being performed

and the risks involved and should be approved by a specialist before handling this product.

**Environmental exposure** 

controls: Emissions from ventilation or work process equipment should be checked to ensure they comply

with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions

to acceptable levels.

6. Disposal considerations

**Waste disposal:** The generation of waste should be avoided or minimized wherever possible. Dispose of surplus

and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**Hazardous waste:** Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as

defined by EU Directive 91/689/EEC.

Disposal should be in accordance with applicable regional, national and local laws and regulations.



#### E. Product name: Streptavidin-HRP Reagent (Part # 1858263)

#### 1. Hazards identification

Physical state: Liquid. Odor: Odorless

OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR

1910.1200).

**Emergency overview:** WARNING!

CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION. CONTAINS MATERIAL THAT

MAY CAUSE TARGET ORGAN DAMAGE, BASED ON ANIMAL DATA.

Irritating to eyes, respiratory system and skin. Avoid exposure - obtain special instructions before use. Do not breathe vapor or mist. Avoid contact with eves, skin and clothing. Contains material that may cause target organ damage, based on animal data. Use only with adequate ventilation. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling.

Routes of entry: Dermal contact. Eye contact. Inhalation. Ingestion.

Potential acute health effects

Inhalation: Irritating to respiratory system.

Ingestion: No known significant effects or critical hazards.

Skin: Irritating to skin. Eyes: Irritating to eyes,

Potential chronic health effects

Carcinogenicity: No known significant effects or critical hazards.

Chronic effects: Contains material that may cause target organ damage, based on animal data.

### 2. Composition/information on ingredients

Name **CAS** number % Sodium Chloride 7647-14-5 1 - 3

There are no ingredients or additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

#### 3. First aid measures

Move exposed person to fresh air. If it is suspected that fumes are still present, the rescuer should Inhalation:

wear an appropriate mask or self-contained breathing apparatus. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-tomouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie,

belt or waistband.

Ingestion: Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep

> person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain

an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue

to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes

thoroughly before reuse.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper



and lower eyelids. Check for and remove any contact lenses. Get medical attention.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. If it is

suspected that fumes are still present, the rescuer should wear an appropriate mask or selfcontained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-

mouth resuscitation.

### 4. Handling and storage

Handling: Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be

> prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse

container.

Storage: Store in accordance with local regulations. Store in original container protected from direct sunlight in a

dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use

appropriate containment to avoid environmental contamination.

### 5. Exposure controls/personal protection

### Recommended monitoring

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological procedures:

monitoring may be required to determine the effectiveness of the ventilation or other control measures

and/or the necessity to use respiratory protective equipment.

Engineering

measures: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process

enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne

contaminants below any recommended or statutory limits.

Hygiene

measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and

using the

lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and

safety showers are close to the workstation location.

Personal protection

Respiratory: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk

> assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

#### 6. Disposal considerations

Waste disposal: The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-

recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any byproducts should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and

contact with soil, waterways, drains and sewers.

Hazardous waste:

Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined

by EU Directive 91/689/EEC.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

25X Wash Buffer (Part# 1860055) F. Product name:

1. Hazards identification

Physical state: Liquid.



OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR

1910.1200).

**Emergency overview:** WARNING!

CAUSES RESPIRATORY TRACT. EYE AND SKIN IRRITATION, CONTAINS MATERIAL THAT

CAN CAUSE TARGET ORGAN DAMAGE.

Irritating to eyes, respiratory system and skin. Avoid exposure - obtain special instructions before

use. Do not breathe vapor or mist. Avoid contact with eyes, skin and clothing.

Contains material that can cause target organ damage. Use only with adequate ventilation. Keep

container tightly closed and sealed until ready for use. Wash

thoroughly after handling.

#### Potential acute health effects

Inhalation: Irritating to respiratory system. Exposure to decomposition products may cause a health hazard.

Serious effects may be delayed following exposure.

No known significant effects or critical hazards. Ingestion:

Skin: Irritating to skin. Irritating to eyes. Eyes:

#### Potential chronic health effects

**Chronic effects:** Contains material that can cause target organ damage.

No known significant effects or critical hazards. Carcinogenicity: No known significant effects or critical hazards. Mutagenicity: Teratogenicity: No known significant effects or critical hazards. **Developmental effects:** No known significant effects or critical hazards. Fertility effects: No known significant effects or critical hazards.

Target organs: Contains material which causes damage to the following organs: kidneys, liver, skin, eyes,

stomach.

Over-exposure signs/symptoms:

No specific data. Inhalation: Ingestion: No specific data. Skin: No specific data. Eves: No specific data

Medical conditions aggravated by overexposure: None known

#### 2. Composition/information on ingredients

CAS number Name % Sodium Chloride 7647-14-5 10 - 20 Tris (Tris(hydroxymethyl)aminomethane) 77-86-1

There are no ingredients or additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

#### 3. First aid measures

Inhalation: Move exposed person to fresh air. If it is suspected that fumes are still present, the rescuer should wear an

appropriate mask or self-contained breathing apparatus. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain

an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person

may need to be kept under medical surveillance for 48 hours.

Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm Ingestion:

and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit



does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical

attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin contact:

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

4. Handling and storage

Handling: Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should

> be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible

material, kept tightly closed when not in use. Empty containers retain product residue and can be

hazardous. Do not reuse container.

Storage: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry.

> cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate

containment to avoid environmental contamination.

5. Exposure controls/personal protection

Recommended monitoring

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological procedures:

monitoring may be required to determine the effectiveness of the ventilation or other control measures

and/or the necessity to use respiratory protective equipment.

**Engineering** 

measures: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process

enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne

contaminants below any recommended or statutory limits.

**Hygiene Measures:** 

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations

and safety showers are close to the workstation location.

Personal protection

Respiratory: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk

> assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hands: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times

when handling chemical products if a risk assessment indicates this is necessary.

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this Eyes:

is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Skin: Personal protective equipment for the body should be selected based on the task being performed and the

risks involved and should be approved by a specialist before handling this product.

**Environmental exposure** 

Emissions from ventilation or work process equipment should be checked to ensure they comply with the Controls: requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering

modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

6. Disposal considerations

Waste disposal: The generation of waste should be avoided or minimized wherever possible. Dispose of surplus

> and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental



protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Hazardous waste: Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as

defined by EU Directive 91/689/EEC.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

### G Product name: Sample Diluent 21 (Part No. 1863329)

#### 1. Hazards identification

Physical state: Liquid. Odor: Odorless.

OSHA/HCS status: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29

> CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of

this product.

**Emergency overview:** CAUTION!

MAY BE HARMFUL IF SWALLOWED. MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN

IRRITATION.

Harmful if swallowed. Slightly irritating to the eyes, skin and respiratory system. Do not ingest. Avoid breathing vapor or mist. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Keep container tightly closed and sealed until ready for use. Wash thoroughly after

handling.

Routes of entry: Dermal contact. Eye contact. Inhalation. Ingestion.

### Potential acute health effects

Inhalation: Slightly irritating to the respiratory system.

Ingestion: Harmful if swallowed. Slightly irritating to the skin. Skin: Slightly irritating to the eyes. Eves:

### Potential chronic health effects

**Chronic effects:** No known significant effects or critical hazards. Carcinogenicity: No known significant effects or critical hazards.

### 2. Composition/information on ingredients

Ingredient name CAS EC number Classification Number Sodium Azide 26628-22-8 0 - 0.1 247-852-1 T+; R28 [1] [2]

Human Serum Albumin n/a 5

There are no ingredients or additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

#### 3. First aid measures

Inhalation: Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or

if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Ingestion: Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm

and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting



unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.

Loosen tight clothing such as a collar, tie, belt or waistband.

Skin contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse

for at least 10 minutes. Get medical attention if symptoms occur. Wash clothing before reuse.

Clean shoes thoroughly before reuse.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting

the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation

occurs.

Protection of

first-aiders: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the

person providing aid to give mouth-to-mouth resuscitation.

### 4. Handling and storage

Handling: Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be

prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not breathe vapor or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse

container.

Storage: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry,

cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate

containment to avoid environmental contamination.

#### 5. Exposure controls/personal protection

Name: Sodium Azide EU OEL (Europe, 5/2006).

Skin Notes: Indicative

Short term limit value: 0.3 mg/m3 15 minute(s).

Limit value: 0.1 mg/m3 8 hour(s).

Recommended monitoring

procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological

monitoring may be required to determine the effectiveness of the ventilation or other control measures

and/or the necessity to use respiratory protective equipment.

Engineering

measures: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process

enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne

contaminants below any recommended or statutory limits.

Hygiene

measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and

using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations

and safety showers are close to the workstation location.

#### 6. Disposal considerations

Waste disposal: The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-

recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any byproducts should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and

contact with soil, waterways, drains and sewers.

Hazardous waste: The classification of the product may meet the criteria for a hazardous waste.

Disposal should be in accordance with applicable regional, national and local laws and regulations.



### H. Product name: Standards (Part# 18910034, 18910040, 1858452, 1858462

1858260, 18910044, 1858456, 18910036, 1880012, 18910043)

#### 1. Hazards identification

Physical state: Solid. OSHA/HCS status:

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

#### **Emergency overview**

WARNING ! CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION. CONTAINS MATERIAL

THAT CAN CAUSE TARGET ORGAN DAMAGE.

Irritating to eyes, respiratory system and skin. Avoid exposure - obtain special instructions before use. Avoid contact with eyes, skin and clothing. Contains material that can cause target organ damage. Use only with adequate ventilation. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling.

Routes of entry: Eye contact. Inhalation. Ingestion.

#### Potential acute health effects

**Inhalation:** Irritating to respiratory system.

**Ingestion:** No known significant effects or critical hazards.

**Skin:** Irritating to skin. **Eyes:** Irritating to eyes.

#### Potential chronic health effects

**Chronic effects:** Contains material that can cause target organ damage.

**Carcinogenicity:** No known significant effects or critical hazards. **Mutagenicity:** No known significant effects or critical hazards. **Teratogenicity:** No known significant effects or critical hazards.

Developmental

**effects:** No known significant effects or critical hazards. **Fertility effects:** No known significant effects or critical hazards.

Target organs: Contains material which causes damage to the following organs: mucous membranes, upper respiratory

tract, skin, eye, lens or cornea.

Contains material which may cause damage to the following organs: stomach, teeth.

### Over-exposure signs/symptoms

**Inhalation:** Adverse symptoms may include the following: respiratory tract irritation

Coughing

**Ingestion:** No specific data.

**Skin:** Adverse symptoms may include the following: irritation, redness

Eyes: Adverse symptoms may include the following: pain or irritation, watering, redness

#### Medical

### Conditions aggravated by overexposure:

Pre-existing disorders involving any target organs mentioned in this SDS as being at risk may be aggravated

by over-exposure to this product.

The preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification: Not classified.

#### See toxicological information (section 11)

### 2. Composition/information on ingredients

Name	CAS number	%
Sodium Chloride	7647-14-5	10 - 20
Sodium Phosphate, Dibasic	7558-79-4	1 - 3
Sucrose, 99+% A.C.S. Reagent	57-50-1	1 - 3



There are no ingredients or additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

#### 3. First aid measures

Ingestion:

Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.

Loosen tight clothing such as a collar, tie, belt or waistband.

Eye contact:

Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention.

Skin contact:

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation:

Move exposed person to fresh air. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Protection of first-aiders:

No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

### 4. Handling and storage

Handling:

Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Storage:

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

### 5. Exposure controls/personal protection

#### Recommended monitoring

procedures:

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

#### Personal protection

Respiratory;

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hands:

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Eyes:

Safety evewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts



**Skin:** Personal protective equipment for the body should be selected based on the task being performed and the

risks involved and should be approved by a specialist before handling this product.

Other adverse effects: No known significant effects or critical hazards.

#### **Engineering measures:**

Monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Hygiene

measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and

using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations

## 6. Disposal considerations

Waste disposal: The generation of waste should be avoided or minimized wherever possible. Dispose of surplus

and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Hazardous waste: Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as

defined by EU Directive 91/689/EEC.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### I: Other Information

### 1. Ecological Information

Data not yet available

#### 2. Transportation Information:

To the best of our knowledge, this product is not regulated as a hazardous material.

© Copyright 2019 Quanterix, all rights reserved. Unless otherwise indicated, all trademarks are property of Quanterix Corporation. SuperSignal is a trademark of Thermo Fisher Scientific.

#### Disclaimer:

The information and recommendations contained herein are based upon tests believed to be reliable. However, Quanterix Corporation does not guarantee their accuracy or completeness NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE. Adjustment to conform to actual conditions of usage may be required. Quanterix Corporation assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied.