

# SAFETY DATA SHEET



MammaPrint BluePrint NGS Target Enrichment (Post-PCR Box 2), Part Number 931283

## Section 1. Identification

### 1.1 Product identifier

**Product name** : MammaPrint BluePrint NGS Target Enrichment (Post-PCR Box 2), Part Number 931283  
**Part no. (chemical kit)** : 931283  
**Part no.** : Agendia NGS Indexing Block 1 931283-01  
 Agendia NGS Block 2 931283-02  
 Agendia NGS Indexing Block 3 931283-03  
 Agendia NGS RNase Block 931283-04  
 Agendia NGS Hyb 3 931283-05  
 Agendia NGS Post-Capture PCR Primer 931283-06  
 Agendia NGS 8bp Index Plate 931283-07  
 Agendia NGS PCR Master Mix 931281-09

**Validation date** : 8/25/2020

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

**Material uses** : Analytical reagent.  
 Agendia NGS Indexing Block 1 0.05 ml  
 Agendia NGS Block 2 0.005 ml  
 Agendia NGS Indexing Block 3 0.015 ml  
 Agendia NGS RNase Block 0.02 ml  
 Agendia NGS Hyb 3 1.06 ml  
 Agendia NGS Post-Capture PCR Primer 0.018 ml  
 Agendia NGS 8bp Index Plate 0.015 ml  
 Agendia NGS PCR Master Mix 0.880 ml

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

**Supplier/Manufacturer** : Agendia NV  
 Radarweg 60  
 1043NT Amsterdam  
 The Netherlands  
 Telephone: +31 (0)20 462 1510

### 1.4 Emergency telephone number

**In case of emergency** : +31 (0)20 462 1510

## Section 2. Hazards identification

### 2.1 Classification of the substance or mixture

<b>OSHA/HCS status</b> : Agendia NGS Indexing Block 1	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.
Agendia NGS Block 2	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.
Agendia NGS Indexing Block 3	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR

## Section 2. Hazards identification

	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.
Agendia NGS RNase Block	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Agendia NGS Hyb 3	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.
Agendia NGS Post-Capture PCR Primer	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.
Agendia NGS 8bp Index Plate	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.
Agendia NGS PCR Master Mix	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.

### Classification of the substance or mixture

#### **Agendia NGS RNase Block**

H320	EYE IRRITATION - Category 2B	
	Agendia NGS Hyb 3	Percentage of the mixture consisting of ingredient (s) of unknown hazards to the aquatic environment: 1%
	Agendia NGS PCR Master Mix	Percentage of the mixture consisting of ingredient (s) of unknown hazards to the aquatic environment: 2%

### 2.2 GHS label elements

#### Signal word

: Agendia NGS Indexing Block 1	No signal word.
Agendia NGS Block 2	No signal word.
Agendia NGS Indexing Block 3	No signal word.
Agendia NGS RNase Block	Warning
Agendia NGS Hyb 3	No signal word.
Agendia NGS Post-Capture PCR Primer	No signal word.
Agendia NGS 8bp Index Plate	No signal word.
Agendia NGS PCR Master Mix	No signal word.

#### Hazard statements

: Agendia NGS Indexing Block 1	No known significant effects or critical hazards.
Agendia NGS Block 2	No known significant effects or critical hazards.
Agendia NGS Indexing Block 3	No known significant effects or critical hazards.
Agendia NGS RNase Block	H320 - Causes eye irritation.
Agendia NGS Hyb 3	No known significant effects or critical hazards.
Agendia NGS Post-Capture PCR Primer	No known significant effects or critical hazards.

## Section 2. Hazards identification

	Agendia NGS 8bp Index Plate	No known significant effects or critical hazards.
	Agendia NGS PCR Master Mix	No known significant effects or critical hazards.
<b>Precautionary statements</b>		
<b>Prevention</b>		
	Agendia NGS Indexing Block 1	Not applicable.
	Agendia NGS Block 2	Not applicable.
	Agendia NGS Indexing Block 3	Not applicable.
	Agendia NGS RNase Block	Not applicable.
	Agendia NGS Hyb 3	Not applicable.
	Agendia NGS Post-Capture PCR Primer	Not applicable.
	Agendia NGS 8bp Index Plate	Not applicable.
	Agendia NGS PCR Master Mix	Not applicable.
<b>Response</b>		
	Agendia NGS Indexing Block 1	Not applicable.
	Agendia NGS Block 2	Not applicable.
	Agendia NGS Indexing Block 3	Not applicable.
	Agendia NGS RNase Block	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 or attention.
	Agendia NGS Hyb 3	Not applicable.
	Agendia NGS Post-Capture PCR Primer	Not applicable.
	Agendia NGS 8bp Index Plate	Not applicable.
	Agendia NGS PCR Master Mix	Not applicable.
<b>Storage</b>		
	Agendia NGS Indexing Block 1	Not applicable.
	Agendia NGS Block 2	Not applicable.
	Agendia NGS Indexing Block 3	Not applicable.
	Agendia NGS RNase Block	Not applicable.
	Agendia NGS Hyb 3	Not applicable.
	Agendia NGS Post-Capture PCR Primer	Not applicable.
	Agendia NGS 8bp Index Plate	Not applicable.
	Agendia NGS PCR Master Mix	Not applicable.
<b>Disposal</b>		
	Agendia NGS Indexing Block 1	Not applicable.
	Agendia NGS Block 2	Not applicable.
	Agendia NGS Indexing Block 3	Not applicable.
	Agendia NGS RNase Block	Not applicable.
	Agendia NGS Hyb 3	Not applicable.
	Agendia NGS Post-Capture PCR Primer	Not applicable.
	Agendia NGS 8bp Index Plate	Not applicable.
	Agendia NGS PCR Master Mix	Not applicable.
<b>Supplemental label elements</b>		
	Agendia NGS Indexing Block 1	None known.
	Agendia NGS Block 2	None known.
	Agendia NGS Indexing Block 3	None known.
	Agendia NGS RNase Block	None known.
	Agendia NGS Hyb 3	None known.
	Agendia NGS Post-Capture PCR Primer	None known.
	Agendia NGS 8bp Index Plate	None known.
	Agendia NGS PCR Master Mix	None known.

### 2.3 Other hazards

## Section 2. Hazards identification

<b>Hazards not otherwise classified</b>	:	Agendia NGS Indexing Block 1	None known.
		Agendia NGS Block 2	None known.
		Agendia NGS Indexing Block 3	None known.
		Agendia NGS RNase Block	None known.
		Agendia NGS Hyb 3	None known.
		Agendia NGS Post-Capture PCR Primer	None known.
		Agendia NGS 8bp Index Plate	None known.
		Agendia NGS PCR Master Mix	None known.

## Section 3. Composition/information on ingredients

<b>Substance/mixture</b>	:	Agendia NGS Indexing Block 1	Mixture
		Agendia NGS Block 2	Mixture
		Agendia NGS Indexing Block 3	Mixture
		Agendia NGS RNase Block	Mixture
		Agendia NGS Hyb 3	Mixture
		Agendia NGS Post-Capture PCR Primer	Mixture
		Agendia NGS 8bp Index Plate	Mixture
		Agendia NGS PCR Master Mix	Mixture

Ingredient name	%	CAS number
Agendia NGS RNase Block Glycerol	≥50 - ≤75	56-81-5
Agendia NGS PCR Master Mix Glycerol	<10	56-81-5

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no 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.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### 4.1 Description of necessary first aid measures

<b>Eye contact</b>	:	Agendia NGS Indexing Block 1	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
		Agendia NGS Block 2	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
		Agendia NGS Indexing Block 3	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
		Agendia NGS RNase Block	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
		Agendia NGS Hyb 3	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get

## Section 4. First aid measures

	Agendia NGS Post-Capture PCR Primer	medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	Agendia NGS 8bp Index Plate	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	Agendia NGS PCR Master Mix	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
<b>Inhalation</b>	: Agendia NGS Indexing Block 1	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	Agendia NGS Block 2	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	Agendia NGS Indexing Block 3	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	Agendia NGS RNase Block	Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.
	Agendia NGS Hyb 3	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. 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.
	Agendia NGS Post-Capture PCR Primer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	Agendia NGS 8bp Index Plate	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	Agendia NGS PCR Master Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
<b>Skin contact</b>	: Agendia NGS Indexing Block 1	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Agendia NGS Block 2	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Agendia NGS Indexing Block 3	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get

## Section 4. First aid measures

	Agendia NGS RNase Block	medical attention if symptoms occur. 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.
	Agendia NGS Hyb 3	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Agendia NGS Post-Capture PCR Primer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Agendia NGS 8bp Index Plate	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Agendia NGS PCR Master Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
<b>Ingestion</b>	: Agendia NGS Indexing Block 1	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	Agendia NGS Block 2	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	Agendia NGS Indexing Block 3	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	Agendia NGS RNase Block	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.
	Agendia NGS Hyb 3	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small

## Section 4. First aid measures

Agendia NGS Post-Capture PCR Primer	quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
Agendia NGS 8bp Index Plate	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
Agendia NGS PCR Master Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

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

#### Potential acute health effects

<b>Eye contact</b>	: Agendia NGS Indexing Block 1 Agendia NGS Block 2 Agendia NGS Indexing Block 3 Agendia NGS RNase Block Agendia NGS Hyb 3 Agendia NGS Post-Capture PCR Primer Agendia NGS 8bp Index Plate Agendia NGS PCR Master Mix	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. Causes eye irritation. No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Inhalation</b>	: Agendia NGS Indexing Block 1 Agendia NGS Block 2 Agendia NGS Indexing Block 3 Agendia NGS RNase Block Agendia NGS Hyb 3 Agendia NGS Post-Capture PCR Primer Agendia NGS 8bp Index Plate Agendia NGS PCR Master Mix	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Skin contact</b>	: Agendia NGS Indexing Block 1 Agendia NGS Block 2 Agendia NGS Indexing Block 3 Agendia NGS RNase Block Agendia NGS Hyb 3 Agendia NGS Post-Capture PCR Primer Agendia NGS 8bp Index Plate Agendia NGS PCR Master Mix	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.

## Section 4. First aid measures

<b>Ingestion</b>	: Agendia NGS Indexing Block 1	No known significant effects or critical hazards.
	Agendia NGS Block 2	No known significant effects or critical hazards.
	Agendia NGS Indexing Block 3	No known significant effects or critical hazards.
	Agendia NGS RNase Block	No known significant effects or critical hazards.
	Agendia NGS Hyb 3	No known significant effects or critical hazards.
	Agendia NGS Post-Capture PCR Primer	No known significant effects or critical hazards.
	Agendia NGS 8bp Index Plate	No known significant effects or critical hazards.
	Agendia NGS PCR Master Mix	No known significant effects or critical hazards.

### Over-exposure signs/symptoms

<b>Eye contact</b>	: Agendia NGS Indexing Block 1	No specific data.
	Agendia NGS Block 2	No specific data.
	Agendia NGS Indexing Block 3	No specific data.
	Agendia NGS RNase Block	Adverse symptoms may include the following: irritation watering redness
	Agendia NGS Hyb 3	No specific data.
	Agendia NGS Post-Capture PCR Primer	No specific data.
	Agendia NGS 8bp Index Plate	No specific data.
	Agendia NGS PCR Master Mix	No specific data.
<b>Inhalation</b>	: Agendia NGS Indexing Block 1	No specific data.
	Agendia NGS Block 2	No specific data.
	Agendia NGS Indexing Block 3	No specific data.
	Agendia NGS RNase Block	No specific data.
	Agendia NGS Hyb 3	No specific data.
	Agendia NGS Post-Capture PCR Primer	No specific data.
	Agendia NGS 8bp Index Plate	No specific data.
	Agendia NGS PCR Master Mix	No specific data.
<b>Skin contact</b>	: Agendia NGS Indexing Block 1	No specific data.
	Agendia NGS Block 2	No specific data.
	Agendia NGS Indexing Block 3	No specific data.
	Agendia NGS RNase Block	No specific data.
	Agendia NGS Hyb 3	No specific data.
	Agendia NGS Post-Capture PCR Primer	No specific data.
	Agendia NGS 8bp Index Plate	No specific data.
	Agendia NGS PCR Master Mix	No specific data.
<b>Ingestion</b>	: Agendia NGS Indexing Block 1	No specific data.
	Agendia NGS Block 2	No specific data.
	Agendia NGS Indexing Block 3	No specific data.
	Agendia NGS RNase Block	No specific data.
	Agendia NGS Hyb 3	No specific data.
	Agendia NGS Post-Capture PCR Primer	No specific data.
	Agendia NGS 8bp Index Plate	No specific data.
	Agendia NGS PCR Master Mix	No specific data.

### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

## Section 4. First aid measures

<b>Notes to physician</b>	: Agendia NGS Indexing Block 1	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	Agendia NGS Block 2	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	Agendia NGS Indexing Block 3	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	Agendia NGS RNase Block	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	Agendia NGS Hyb 3	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.
	Agendia NGS Post-Capture PCR Primer	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	Agendia NGS 8bp Index Plate	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	Agendia NGS PCR Master Mix	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
<b>Specific treatments</b>	: Agendia NGS Indexing Block 1	No specific treatment.
	Agendia NGS Block 2	No specific treatment.
	Agendia NGS Indexing Block 3	No specific treatment.
	Agendia NGS RNase Block	No specific treatment.
	Agendia NGS Hyb 3	No specific treatment.
	Agendia NGS Post-Capture PCR Primer	No specific treatment.
	Agendia NGS 8bp Index Plate	No specific treatment.
	Agendia NGS PCR Master Mix	No specific treatment.
<b>Protection of first-aiders</b>	: Agendia NGS Indexing Block 1	No action shall be taken involving any personal risk or without suitable training.
	Agendia NGS Block 2	No action shall be taken involving any personal risk or without suitable training.
	Agendia NGS Indexing Block 3	No action shall be taken involving any personal risk or without suitable training.
	Agendia NGS RNase Block	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.
	Agendia NGS Hyb 3	No action shall be taken involving any personal risk or without suitable training.
	Agendia NGS Post-Capture PCR Primer	No action shall be taken involving any personal risk or without suitable training.
	Agendia NGS 8bp Index Plate	No action shall be taken involving any personal risk or without suitable training.
	Agendia NGS PCR Master Mix	No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### 5.1 Extinguishing media

<b>Suitable extinguishing media</b>	: Agendia NGS Indexing Block 1	Use an extinguishing agent suitable for the surrounding fire.
	Agendia NGS Block 2	Use an extinguishing agent suitable for the surrounding fire.
	Agendia NGS Indexing Block 3	Use an extinguishing agent suitable for the surrounding fire.
	Agendia NGS RNase Block	Use an extinguishing agent suitable for the surrounding fire.
	Agendia NGS Hyb 3	Use an extinguishing agent suitable for the surrounding fire.
	Agendia NGS Post-Capture PCR Primer	Use an extinguishing agent suitable for the surrounding fire.
	Agendia NGS 8bp Index Plate	Use an extinguishing agent suitable for the surrounding fire.
	Agendia NGS PCR Master Mix	Use an extinguishing agent suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	: Agendia NGS Indexing Block 1	None known.
	Agendia NGS Block 2	None known.
	Agendia NGS Indexing Block 3	None known.
	Agendia NGS RNase Block	None known.
	Agendia NGS Hyb 3	None known.
	Agendia NGS Post-Capture PCR Primer	None known.
	Agendia NGS 8bp Index Plate	None known.
	Agendia NGS PCR Master Mix	None known.

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

<b>Specific hazards arising from the chemical</b>	: Agendia NGS Indexing Block 1	In a fire or if heated, a pressure increase will occur and the container may burst.
	Agendia NGS Block 2	In a fire or if heated, a pressure increase will occur and the container may burst.
	Agendia NGS Indexing Block 3	In a fire or if heated, a pressure increase will occur and the container may burst.
	Agendia NGS RNase Block	In a fire or if heated, a pressure increase will occur and the container may burst.
	Agendia NGS Hyb 3	In a fire or if heated, a pressure increase will occur and the container may burst.
	Agendia NGS Post-Capture PCR Primer	In a fire or if heated, a pressure increase will occur and the container may burst.
	Agendia NGS 8bp Index Plate	In a fire or if heated, a pressure increase will occur and the container may burst.
	Agendia NGS PCR Master Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
<b>Hazardous thermal decomposition products</b>	: Agendia NGS Indexing Block 1	No specific data.
	Agendia NGS Block 2	No specific data.
	Agendia NGS Indexing Block 3	No specific data.
	Agendia NGS RNase Block	Decomposition products may include the following materials: carbon dioxide carbon monoxide
	Agendia NGS Hyb 3	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides sulfur oxides

## Section 5. Fire-fighting measures

Agendia NGS Post-Capture PCR Primer	halogenated compounds carbonyl halides No specific data.
Agendia NGS 8bp Index Plate	No specific data.
Agendia NGS PCR Master Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide

### 5.3 Advice for firefighters

#### Special protective actions for fire-fighters

: Agendia NGS Indexing Block 1	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Agendia NGS Block 2	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Agendia NGS Indexing Block 3	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Agendia NGS RNase Block	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Agendia NGS Hyb 3	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Agendia NGS Post-Capture PCR Primer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Agendia NGS 8bp Index Plate	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Agendia NGS PCR Master Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

#### Special protective equipment for fire-fighters

: Agendia NGS Indexing Block 1	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Agendia NGS Block 2	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Agendia NGS Indexing Block 3	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Agendia NGS RNase Block	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive

## Section 5. Fire-fighting measures

Agendia NGS Hyb 3	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Agendia NGS Post-Capture PCR Primer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Agendia NGS 8bp Index Plate	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Agendia NGS PCR Master Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

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

<b>For non-emergency personnel</b>	: Agendia NGS Indexing Block 1	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
	Agendia NGS Block 2	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
	Agendia NGS Indexing Block 3	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
	Agendia NGS RNase Block	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
	Agendia NGS Hyb 3	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
	Agendia NGS Post-Capture PCR Primer	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on

## Section 6. Accidental release measures

Agendia NGS 8bp Index Plate	appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
Agendia NGS PCR Master Mix	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
<b>For emergency responders :</b> Agendia NGS Indexing Block 1	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Agendia NGS Block 2	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Agendia NGS Indexing Block 3	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Agendia NGS RNase Block	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Agendia NGS Hyb 3	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Agendia NGS Post-Capture PCR Primer	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Agendia NGS 8bp Index Plate	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Agendia NGS PCR Master Mix	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
<b>6.2 Environmental precautions :</b> Agendia NGS Indexing Block 1	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Agendia NGS Block 2	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Agendia NGS Indexing Block 3	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 6. Accidental release measures

Agendia NGS RNase Block	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Agendia NGS Hyb 3	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Agendia NGS Post-Capture PCR Primer	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Agendia NGS 8bp Index Plate	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Agendia NGS PCR Master Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

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

<b>Methods for cleaning up</b> : Agendia NGS Indexing Block 1	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Agendia NGS Block 2	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Agendia NGS Indexing Block 3	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Agendia NGS RNase Block	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Agendia NGS Hyb 3	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container.

## Section 6. Accidental release measures

Agendia NGS Post-Capture PCR Primer	disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Agendia NGS 8bp Index Plate	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Agendia NGS PCR Master Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

## Section 7. Handling and storage

### 7.1 Precautions for safe handling

<b>Protective measures</b>	: Agendia NGS Indexing Block 1	Put on appropriate personal protective equipment (see Section 8).	
	Agendia NGS Block 2	Put on appropriate personal protective equipment (see Section 8).	
	Agendia NGS Indexing Block 3	Put on appropriate personal protective equipment (see Section 8).	
	Agendia NGS RNase Block	Put on appropriate personal protective equipment (see Section 8). 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.	
	Agendia NGS Hyb 3	Put on appropriate personal protective equipment (see Section 8).	
	Agendia NGS Post-Capture PCR Primer	Put on appropriate personal protective equipment (see Section 8).	
	Agendia NGS 8bp Index Plate	Put on appropriate personal protective equipment (see Section 8).	
	Agendia NGS PCR Master Mix	Put on appropriate personal protective equipment (see Section 8).	
	<b>Advice on general occupational hygiene</b>	: Agendia NGS Indexing Block 1	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. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
		Agendia NGS Block 2	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. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8

## Section 7. Handling and storage

Agendia NGS Indexing Block 3	for additional information on hygiene measures. 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. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Agendia NGS RNase Block	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. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Agendia NGS Hyb 3	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. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Agendia NGS Post-Capture PCR Primer	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. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Agendia NGS 8bp Index Plate	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. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Agendia NGS PCR Master Mix	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. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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

: Agendia NGS Indexing Block 1	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. See Section 10 for incompatible materials before handling or use.
Agendia NGS Block 2	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

## Section 7. Handling and storage

Agendia NGS Indexing Block 3	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. See Section 10 for incompatible materials before handling or use.
	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. See Section 10 for incompatible materials before handling or use.
Agendia NGS RNase Block	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. See Section 10 for incompatible materials before handling or use.
Agendia NGS Hyb 3	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. See Section 10 for incompatible materials before handling or use.
Agendia NGS Post-Capture PCR Primer	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. See Section 10 for incompatible materials before handling or use.
Agendia NGS 8bp Index Plate	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

## Section 7. Handling and storage

Agendia NGS PCR Master Mix

containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. 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. See Section 10 for incompatible materials before handling or use.

### 7.3 Specific end use(s)

#### Recommendations

<ul style="list-style-type: none"> <li>: Agendia NGS Indexing Block 1</li> <li>Agendia NGS Block 2</li> <li>Agendia NGS Indexing Block 3</li> <li>Agendia NGS RNase Block</li> <li>Agendia NGS Hyb 3</li> <li>Agendia NGS Post-Capture PCR Primer</li> <li>Agendia NGS 8bp Index Plate</li> <li>Agendia NGS PCR Master Mix</li> </ul>	<ul style="list-style-type: none"> <li>Industrial applications, Professional applications.</li> <li>Industrial applications, Professional applications.</li> <li>Industrial applications, Professional applications.</li> <li>Industrial applications, Professional applications.</li> <li>Industrial applications, Professional applications.</li> <li>Industrial applications, Professional applications.</li> <li>Industrial applications, Professional applications.</li> <li>Industrial applications, Professional applications.</li> </ul>
---	--

#### Industrial sector specific solutions

<ul style="list-style-type: none"> <li>: Agendia NGS Indexing Block 1</li> <li>Agendia NGS Block 2</li> <li>Agendia NGS Indexing Block 3</li> <li>Agendia NGS RNase Block</li> <li>Agendia NGS Hyb 3</li> <li>Agendia NGS Post-Capture PCR Primer</li> <li>Agendia NGS 8bp Index Plate</li> <li>Agendia NGS PCR Master Mix</li> </ul>	<ul style="list-style-type: none"> <li>Not applicable.</li> <li>Not applicable.</li> <li>Not applicable.</li> <li>Not applicable.</li> <li>Not applicable.</li> <li>Not applicable.</li> <li>Not applicable.</li> <li>Not applicable.</li> </ul>
---	--

## Section 8. Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
<p><b>Agendia NGS RNase Block</b> Glycerol</p>	<p><b>OSHA PEL 1989 (United States, 3/1989).</b> TWA: 5 mg/m<sup>3</sup> 8 hours. Form: Respirable fraction TWA: 10 mg/m<sup>3</sup> 8 hours. Form: Total dust <b>OSHA PEL (United States, 5/2018).</b> TWA: 5 mg/m<sup>3</sup> 8 hours. Form: Respirable fraction TWA: 15 mg/m<sup>3</sup> 8 hours. Form: Total dust</p>
<p><b>Agendia NGS PCR Master Mix</b> Glycerol</p>	<p><b>OSHA PEL 1989 (United States, 3/1989).</b> TWA: 5 mg/m<sup>3</sup> 8 hours. Form: Respirable fraction TWA: 10 mg/m<sup>3</sup> 8 hours. Form: Total dust <b>OSHA PEL (United States, 5/2018).</b> TWA: 5 mg/m<sup>3</sup> 8 hours. Form: Respirable</p>

## Section 8. Exposure controls/personal protection

fraction  
TWA: 15 mg/m<sup>3</sup> 8 hours. Form: Total dust

### 8.2 Exposure controls

- Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
- 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.

### Individual protection measures

- 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.
- Eye/face protection** : 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. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Skin protection**
- Hand protection** : 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.
- Body protection** : 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 skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

- Physical state**
- |                                     |         |
|-------------------------------------|---------|
| Agendia NGS Indexing Block 1        | Liquid. |
| Agendia NGS Block 2                 | Liquid. |
| Agendia NGS Indexing Block 3        | Liquid. |
| Agendia NGS RNase Block             | Liquid. |
| Agendia NGS Hyb 3                   | Liquid. |
| Agendia NGS Post-Capture PCR Primer | Liquid. |
| Agendia NGS 8bp Index Plate         | Liquid. |
| Agendia NGS PCR Master Mix          | Liquid. |

## Section 9. Physical and chemical properties

<b>Color</b>	:	Agendia NGS Indexing Block 1	Not available.	
		Agendia NGS Block 2	Not available.	
		Agendia NGS Indexing Block 3	Not available.	
		Agendia NGS RNase Block	Not available.	
		Agendia NGS Hyb 3	Not available.	
		Agendia NGS Post-Capture PCR Primer	Not available.	
		Agendia NGS 8bp Index Plate	Not available.	
		Agendia NGS PCR Master Mix	Not available.	
	<b>Odor</b>	:	Agendia NGS Indexing Block 1	Not available.
			Agendia NGS Block 2	Not available.
		Agendia NGS Indexing Block 3	Not available.	
		Agendia NGS RNase Block	Not available.	
		Agendia NGS Hyb 3	Not available.	
		Agendia NGS Post-Capture PCR Primer	Not available.	
		Agendia NGS 8bp Index Plate	Not available.	
		Agendia NGS PCR Master Mix	Not available.	
<b>Odor threshold</b>		:	Agendia NGS Indexing Block 1	Not available.
			Agendia NGS Block 2	Not available.
		Agendia NGS Indexing Block 3	Not available.	
		Agendia NGS RNase Block	Not available.	
		Agendia NGS Hyb 3	Not available.	
		Agendia NGS Post-Capture PCR Primer	Not available.	
		Agendia NGS 8bp Index Plate	Not available.	
		Agendia NGS PCR Master Mix	Not available.	
	<b>pH</b>	:	Agendia NGS Indexing Block 1	Not available.
			Agendia NGS Block 2	Not available.
		Agendia NGS Indexing Block 3	Not available.	
		Agendia NGS RNase Block	Not available.	
		Agendia NGS Hyb 3	Not available.	
		Agendia NGS Post-Capture PCR Primer	Not available.	
		Agendia NGS 8bp Index Plate	Not available.	
		Agendia NGS PCR Master Mix	Not available.	
<b>Melting point</b>		:	Agendia NGS Indexing Block 1	0°C (32°F)
			Agendia NGS Block 2	0°C (32°F)
		Agendia NGS Indexing Block 3	0°C (32°F)	
		Agendia NGS RNase Block	Not available.	
		Agendia NGS Hyb 3	0°C (32°F)	
		Agendia NGS Post-Capture PCR Primer	0°C (32°F)	
		Agendia NGS 8bp Index Plate	0°C (32°F)	
		Agendia NGS PCR Master Mix	Not available.	
	<b>Boiling point</b>	:	Agendia NGS Indexing Block 1	100°C (212°F)
			Agendia NGS Block 2	100°C (212°F)
		Agendia NGS Indexing Block 3	100°C (212°F)	
		Agendia NGS RNase Block	Not available.	
		Agendia NGS Hyb 3	100°C (212°F)	
		Agendia NGS Post-Capture PCR Primer	100°C (212°F)	
		Agendia NGS 8bp Index Plate	100°C (212°F)	
		Agendia NGS PCR Master Mix	Not available.	

## Section 9. Physical and chemical properties

<b>Flash point</b>	:	Agendia NGS Indexing Block 1	Not available.
		Agendia NGS Block 2	Not available.
		Agendia NGS Indexing Block 3	Not available.
		Agendia NGS RNase Block	Not available.
		Agendia NGS Hyb 3	Not available.
		Agendia NGS Post-Capture PCR Primer	Not available.
		Agendia NGS 8bp Index Plate	Not available.
		Agendia NGS PCR Master Mix	Not available.
<b>Evaporation rate</b>	:	Agendia NGS Indexing Block 1	Not available.
		Agendia NGS Block 2	Not available.
		Agendia NGS Indexing Block 3	Not available.
		Agendia NGS RNase Block	Not available.
		Agendia NGS Hyb 3	Not available.
		Agendia NGS Post-Capture PCR Primer	Not available.
		Agendia NGS 8bp Index Plate	Not available.
		Agendia NGS PCR Master Mix	Not available.
<b>Flammability (solid, gas)</b>	:	Agendia NGS Indexing Block 1	Not applicable.
		Agendia NGS Block 2	Not applicable.
		Agendia NGS Indexing Block 3	Not applicable.
		Agendia NGS RNase Block	Not applicable.
		Agendia NGS Hyb 3	Not applicable.
		Agendia NGS Post-Capture PCR Primer	Not applicable.
		Agendia NGS 8bp Index Plate	Not applicable.
		Agendia NGS PCR Master Mix	Not applicable.
<b>Lower and upper explosive (flammable) limits</b>	:	Agendia NGS Indexing Block 1	Not available.
		Agendia NGS Block 2	Not available.
		Agendia NGS Indexing Block 3	Not available.
		Agendia NGS RNase Block	Not available.
		Agendia NGS Hyb 3	Not available.
		Agendia NGS Post-Capture PCR Primer	Not available.
		Agendia NGS 8bp Index Plate	Not available.
		Agendia NGS PCR Master Mix	Not available.
<b>Vapor pressure</b>	:	Agendia NGS Indexing Block 1	Not available.
		Agendia NGS Block 2	Not available.
		Agendia NGS Indexing Block 3	Not available.
		Agendia NGS RNase Block	Not available.
		Agendia NGS Hyb 3	Not available.
		Agendia NGS Post-Capture PCR Primer	Not available.
		Agendia NGS 8bp Index Plate	Not available.
		Agendia NGS PCR Master Mix	Not available.
<b>Vapor density</b>	:	Agendia NGS Indexing Block 1	Not available.
		Agendia NGS Block 2	Not available.
		Agendia NGS Indexing Block 3	Not available.
		Agendia NGS RNase Block	Not available.
		Agendia NGS Hyb 3	Not available.
		Agendia NGS Post-Capture PCR Primer	Not available.
		Agendia NGS 8bp Index Plate	Not available.
		Agendia NGS PCR Master Mix	Not available.

## Section 9. Physical and chemical properties

<b>Relative density</b>	: Agendia NGS Indexing Block 1 Agendia NGS Block 2 Agendia NGS Indexing Block 3 Agendia NGS RNase Block Agendia NGS Hyb 3 Agendia NGS Post-Capture PCR Primer Agendia NGS 8bp Index Plate Agendia NGS PCR Master Mix	Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available.
<b>Solubility</b>	: Agendia NGS Indexing Block 1  Agendia NGS Block 2  Agendia NGS Indexing Block 3 Agendia NGS RNase Block Agendia NGS Hyb 3  Agendia NGS Post-Capture PCR Primer Agendia NGS 8bp Index Plate  Agendia NGS PCR Master Mix	Easily soluble in the following materials: cold water and hot water.  Easily soluble in the following materials: cold water and hot water.  Not available. Not available. Easily soluble in the following materials: cold water and hot water.  Easily soluble in the following materials: cold water and hot water. Easily soluble in the following materials: cold water and hot water.  Soluble in the following materials: cold water and hot water.
<b>Partition coefficient: n-octanol/water</b>	: Agendia NGS Indexing Block 1 Agendia NGS Block 2 Agendia NGS Indexing Block 3 Agendia NGS RNase Block Agendia NGS Hyb 3 Agendia NGS Post-Capture PCR Primer Agendia NGS 8bp Index Plate Agendia NGS PCR Master Mix	Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available.
<b>Auto-ignition temperature</b>	: Agendia NGS Indexing Block 1 Agendia NGS Block 2 Agendia NGS Indexing Block 3 Agendia NGS RNase Block Agendia NGS Hyb 3 Agendia NGS Post-Capture PCR Primer Agendia NGS 8bp Index Plate Agendia NGS PCR Master Mix	Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available.
<b>Decomposition temperature</b>	: Agendia NGS Indexing Block 1 Agendia NGS Block 2 Agendia NGS Indexing Block 3 Agendia NGS RNase Block Agendia NGS Hyb 3 Agendia NGS Post-Capture PCR Primer Agendia NGS 8bp Index Plate Agendia NGS PCR Master Mix	Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available.
<b>Viscosity</b>	: Agendia NGS Indexing Block 1 Agendia NGS Block 2 Agendia NGS Indexing Block 3 Agendia NGS RNase Block Agendia NGS Hyb 3 Agendia NGS Post-Capture PCR Primer Agendia NGS 8bp Index Plate	Not available. Not available. Not available. Not available. Not available. Not available. Not available.

## Section 9. Physical and chemical properties

Agendia NGS PCR Master Mix Not available.

## Section 10. Stability and reactivity

<b>10.1 Reactivity</b>	: Agendia NGS Indexing Block 1 Agendia NGS Block 2 Agendia NGS Indexing Block 3 Agendia NGS RNase Block Agendia NGS Hyb 3 Agendia NGS Post-Capture PCR Primer Agendia NGS 8bp Index Plate Agendia NGS PCR Master Mix	No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients.
<b>10.2 Chemical stability</b>	: Agendia NGS Indexing Block 1 Agendia NGS Block 2 Agendia NGS Indexing Block 3 Agendia NGS RNase Block Agendia NGS Hyb 3 Agendia NGS Post-Capture PCR Primer Agendia NGS 8bp Index Plate Agendia NGS PCR Master Mix	The product is stable. The product is stable. The product is stable. The product is stable. The product is stable. The product is stable. The product is stable. The product is stable.
<b>10.3 Possibility of hazardous reactions</b>	: Agendia NGS Indexing Block 1 Agendia NGS Block 2 Agendia NGS Indexing Block 3 Agendia NGS RNase Block Agendia NGS Hyb 3 Agendia NGS Post-Capture PCR Primer Agendia NGS 8bp Index Plate Agendia NGS PCR Master Mix	Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur.
<b>10.4 Conditions to avoid</b>	: Agendia NGS Indexing Block 1 Agendia NGS Block 2 Agendia NGS Indexing Block 3 Agendia NGS RNase Block Agendia NGS Hyb 3 Agendia NGS Post-Capture PCR Primer Agendia NGS 8bp Index Plate Agendia NGS PCR Master Mix	No specific data. No specific data. No specific data. No specific data. No specific data. No specific data. No specific data. No specific data.

## Section 10. Stability and reactivity

<b>10.5 Incompatible materials</b>	: Agendia NGS Indexing Block 1 Agendia NGS Block 2 Agendia NGS Indexing Block 3 Agendia NGS RNase Block Agendia NGS Hyb 3 Agendia NGS Post-Capture PCR Primer Agendia NGS 8bp Index Plate Agendia NGS PCR Master Mix	May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials.
<b>10.6 Hazardous decomposition products</b>	: Agendia NGS Indexing Block 1 Agendia NGS Block 2 Agendia NGS Indexing Block 3 Agendia NGS RNase Block Agendia NGS Hyb 3 Agendia NGS Post-Capture PCR Primer Agendia NGS 8bp Index Plate Agendia NGS PCR Master Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Agendia NGS RNase Block Glycerol	LD50 Oral	Rat	12600 mg/kg	-
Agendia NGS PCR Master Mix Glycerol	LD50 Oral	Rat	12600 mg/kg	-

#### Irritation/Corrosion

## Section 11. Toxicological information

Product/ingredient name	Result	Species	Score	Exposure	Observation
Agendia NGS RNase Block Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-
Agendia NGS PCR Master Mix Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-

### Sensitization

Not available.

### Mutagenicity

**Conclusion/Summary** : Not available.

### Carcinogenicity

**Conclusion/Summary** : Not available.

### Reproductive toxicity

**Conclusion/Summary** : Not available.

### Teratogenicity

**Conclusion/Summary** : Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

<b>Information on the likely routes of exposure</b>	: Agendia NGS Indexing Block 1	Not available.
	: Agendia NGS Block 2	Not available.
	: Agendia NGS Indexing Block 3	Not available.
	: Agendia NGS RNase Block	Routes of entry anticipated: Oral, Dermal, Inhalation.
	: Agendia NGS Hyb 3	Not available.
	: Agendia NGS Post-Capture PCR Primer	Not available.
	: Agendia NGS 8bp Index Plate	Not available.
	: Agendia NGS PCR Master Mix	Not available.

### Potential acute health effects

<b>Eye contact</b>	: Agendia NGS Indexing Block 1	No known significant effects or critical hazards.
	: Agendia NGS Block 2	No known significant effects or critical hazards.
	: Agendia NGS Indexing Block 3	No known significant effects or critical hazards.
	: Agendia NGS RNase Block	Causes eye irritation.
	: Agendia NGS Hyb 3	No known significant effects or critical hazards.
	: Agendia NGS Post-Capture PCR Primer	No known significant effects or critical hazards.
	: Agendia NGS 8bp Index Plate	No known significant effects or critical hazards.
	: Agendia NGS PCR Master Mix	No known significant effects or critical hazards.

## Section 11. Toxicological information

<b>Inhalation</b>	:	Agendia NGS Indexing Block 1	No known significant effects or critical hazards.
		Agendia NGS Block 2	No known significant effects or critical hazards.
		Agendia NGS Indexing Block 3	No known significant effects or critical hazards.
		Agendia NGS RNase Block	No known significant effects or critical hazards.
		Agendia NGS Hyb 3	No known significant effects or critical hazards.
		Agendia NGS Post-Capture PCR Primer	No known significant effects or critical hazards.
<b>Skin contact</b>	:	Agendia NGS 8bp Index Plate	No known significant effects or critical hazards.
		Agendia NGS PCR Master Mix	No known significant effects or critical hazards.
	:	Agendia NGS Indexing Block 1	No known significant effects or critical hazards.
		Agendia NGS Block 2	No known significant effects or critical hazards.
		Agendia NGS Indexing Block 3	No known significant effects or critical hazards.
		Agendia NGS RNase Block	No known significant effects or critical hazards.
Agendia NGS Hyb 3		No known significant effects or critical hazards.	
Agendia NGS Post-Capture PCR Primer		No known significant effects or critical hazards.	
<b>Ingestion</b>	:	Agendia NGS 8bp Index Plate	No known significant effects or critical hazards.
		Agendia NGS PCR Master Mix	No known significant effects or critical hazards.
	:	Agendia NGS Indexing Block 1	No known significant effects or critical hazards.
		Agendia NGS Block 2	No known significant effects or critical hazards.
		Agendia NGS Indexing Block 3	No known significant effects or critical hazards.
		Agendia NGS RNase Block	No known significant effects or critical hazards.
Agendia NGS Hyb 3		No known significant effects or critical hazards.	
Agendia NGS Post-Capture PCR Primer		No known significant effects or critical hazards.	
	Agendia NGS 8bp Index Plate	No known significant effects or critical hazards.	
	Agendia NGS PCR Master Mix	No known significant effects or critical hazards.	

### Symptoms related to the physical, chemical and toxicological characteristics

<b>Eye contact</b>	:	Agendia NGS Indexing Block 1	No specific data.
		Agendia NGS Block 2	No specific data.
		Agendia NGS Indexing Block 3	No specific data.
		Agendia NGS RNase Block	Adverse symptoms may include the following: irritation watering redness
		Agendia NGS Hyb 3	No specific data.
		Agendia NGS Post-Capture PCR Primer	No specific data.
<b>Inhalation</b>	:	Agendia NGS 8bp Index Plate	No specific data.
		Agendia NGS PCR Master Mix	No specific data.
	:	Agendia NGS Indexing Block 1	No specific data.
		Agendia NGS Block 2	No specific data.
		Agendia NGS Indexing Block 3	No specific data.
		Agendia NGS RNase Block	No specific data.
Agendia NGS Hyb 3		No specific data.	
Agendia NGS Post-Capture PCR Primer		No specific data.	
<b>Skin contact</b>	:	Agendia NGS 8bp Index Plate	No specific data.
		Agendia NGS PCR Master Mix	No specific data.
	:	Agendia NGS Indexing Block 1	No specific data.
		Agendia NGS Block 2	No specific data.
		Agendia NGS Indexing Block 3	No specific data.
		Agendia NGS RNase Block	No specific data.
Agendia NGS Hyb 3		No specific data.	
Agendia NGS Post-Capture PCR Primer		No specific data.	

## Section 11. Toxicological information

	Agendia NGS 8bp Index Plate	No specific data.
	Agendia NGS PCR Master Mix	No specific data.
<b>Ingestion</b>	: Agendia NGS Indexing Block 1	No specific data.
	Agendia NGS Block 2	No specific data.
	Agendia NGS Indexing Block 3	No specific data.
	Agendia NGS RNase Block	No specific data.
	Agendia NGS Hyb 3	No specific data.
	Agendia NGS Post-Capture PCR Primer	No specific data.
	Agendia NGS 8bp Index Plate	No specific data.
	Agendia NGS PCR Master Mix	No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Potential chronic health effects

<b>General</b>	: Agendia NGS Indexing Block 1	No known significant effects or critical hazards.
	Agendia NGS Block 2	No known significant effects or critical hazards.
	Agendia NGS Indexing Block 3	No known significant effects or critical hazards.
	Agendia NGS RNase Block	No known significant effects or critical hazards.
	Agendia NGS Hyb 3	No known significant effects or critical hazards.
	Agendia NGS Post-Capture PCR Primer	No known significant effects or critical hazards.
	Agendia NGS 8bp Index Plate	No known significant effects or critical hazards.
	Agendia NGS PCR Master Mix	No known significant effects or critical hazards.
<b>Carcinogenicity</b>	: Agendia NGS Indexing Block 1	No known significant effects or critical hazards.
	Agendia NGS Block 2	No known significant effects or critical hazards.
	Agendia NGS Indexing Block 3	No known significant effects or critical hazards.
	Agendia NGS RNase Block	No known significant effects or critical hazards.
	Agendia NGS Hyb 3	No known significant effects or critical hazards.
	Agendia NGS Post-Capture PCR Primer	No known significant effects or critical hazards.
	Agendia NGS 8bp Index Plate	No known significant effects or critical hazards.
	Agendia NGS PCR Master Mix	No known significant effects or critical hazards.
<b>Mutagenicity</b>	: Agendia NGS Indexing Block 1	No known significant effects or critical hazards.
	Agendia NGS Block 2	No known significant effects or critical hazards.
	Agendia NGS Indexing Block 3	No known significant effects or critical hazards.
	Agendia NGS RNase Block	No known significant effects or critical hazards.
	Agendia NGS Hyb 3	No known significant effects or critical hazards.
	Agendia NGS Post-Capture PCR Primer	No known significant effects or critical hazards.
	Agendia NGS 8bp Index Plate	No known significant effects or critical hazards.
	Agendia NGS PCR Master Mix	No known significant effects or critical hazards.

## Section 11. Toxicological information

<b>Teratogenicity</b>	: Agendia NGS Indexing Block 1 Agendia NGS Block 2 Agendia NGS Indexing Block 3 Agendia NGS RNase Block Agendia NGS Hyb 3 Agendia NGS Post-Capture PCR Primer Agendia NGS 8bp Index Plate Agendia NGS PCR Master Mix	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Developmental effects</b>	: Agendia NGS Indexing Block 1 Agendia NGS Block 2 Agendia NGS Indexing Block 3 Agendia NGS RNase Block Agendia NGS Hyb 3 Agendia NGS Post-Capture PCR Primer Agendia NGS 8bp Index Plate Agendia NGS PCR Master Mix	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Fertility effects</b>	: Agendia NGS Indexing Block 1 Agendia NGS Block 2 Agendia NGS Indexing Block 3 Agendia NGS RNase Block Agendia NGS Hyb 3 Agendia NGS Post-Capture PCR Primer Agendia NGS 8bp Index Plate Agendia NGS PCR Master Mix	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
Agendia NGS RNase Block Glycerol	12600	N/A	N/A	N/A	N/A
Agendia NGS PCR Master Mix Glycerol	12600	N/A	N/A	N/A	N/A

## Section 12. Ecological information

### 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
Agendia NGS RNase Block Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
Agendia NGS PCR Master Mix Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours

### 12.2 Persistence and degradability

## Section 12. Ecological information

Product/ingredient name	Test	Result	Dose	Inoculum
Agendia NGS RNase Block Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
Agendia NGS PCR Master Mix Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-

### 12.3 Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
Agendia NGS RNase Block Glycerol	-1.76	-	low
Agendia NGS PCR Master Mix Glycerol	-1.76	-	low

### 12.4 Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

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

## Section 13. Disposal considerations

### 13.1 Waste treatment methods

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. 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. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.**

**The information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.**

**Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.**

## Section 14. Transport information

**DOT / TDG / Mexico / IMDG / IATA** : Not regulated.

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to IMO instruments** : Not available.

## Section 15. Regulatory information

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

**U.S. Federal regulations** : **TSCA 8(a) CDR Exempt/Partial exemption:** Not determined  
**Clean Water Act (CWA) 311:** Edetic acid

**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)** : Not listed

**Clean Air Act Section 602 Class I Substances** : Not listed

**Clean Air Act Section 602 Class II Substances** : Not listed

**DEA List I Chemicals (Precursor Chemicals)** : Not listed

**DEA List II Chemicals (Essential Chemicals)** : Not listed

#### SARA 302/304

#### Composition/information on ingredients

No products were found.

**SARA 304 RQ** : Not applicable.

#### SARA 311/312

**Classification** :

Agendia NGS Indexing Block 1	Not applicable.
Agendia NGS Block 2	Not applicable.
Agendia NGS Indexing Block 3	Not applicable.
Agendia NGS RNase Block	EYE IRRITATION - Category 2B
Agendia NGS Hyb 3	Not applicable.
Agendia NGS Post-Capture PCR Primer	Not applicable.
Agendia NGS 8bp Index Plate	Not applicable.
Agendia NGS PCR Master Mix	Not applicable.

#### Composition/information on ingredients

Name	%	Classification
Agendia NGS RNase Block Glycerol	≥50 - ≤75	EYE IRRITATION - Category 2B
Agendia NGS PCR Master Mix Glycerol	<10	EYE IRRITATION - Category 2B

#### State regulations

**Date of issue** : 08/25/2020

30/32

## Section 15. Regulatory information

<b>Massachusetts</b>	: The following components are listed: GLYCERINE MIST
<b>New York</b>	: None of the components are listed.
<b>New Jersey</b>	: The following components are listed: GLYCERIN; 1,2,3-PROPANETRIOL
<b>Pennsylvania</b>	: The following components are listed: 1,2,3-PROPANETRIOL
<b><u>California Prop. 65</u></b>	

 This product does not require a Safe Harbor warning under California Prop. 65.

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

#### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

### Inventory list

<b>Australia</b>	: Not determined.
<b>Canada</b>	: Not determined.
<b>China</b>	: Not determined.
<b>Europe</b>	: Not determined.
<b>Japan</b>	: <b>Japan inventory (ENCS):</b> Not determined. <b>Japan inventory (ISHL):</b> Not determined.
<b>New Zealand</b>	: Not determined.
<b>Philippines</b>	: Not determined.
<b>Republic of Korea</b>	: Not determined.
<b>Taiwan</b>	: All components are listed or exempted.
<b>Thailand</b>	: Not determined.
<b>Turkey</b>	: Not determined.
<b>United States</b>	: Not determined.
<b>Viet Nam</b>	: Not determined.

## Section 16. Other information

### History

<b>Date of issue</b>	: 08/25/2020
<b>Date of previous issue</b>	: 02/13/2018
<b>Version</b>	: 2

## Section 16. Other information

**Key to abbreviations**

- : ATE = Acute Toxicity Estimate
- BCF = Bioconcentration Factor
- GHS = Globally Harmonized System of Classification and Labelling of Chemicals
- IATA = International Air Transport Association
- IBC = Intermediate Bulk Container
- IMDG = International Maritime Dangerous Goods
- LogPow = logarithm of the octanol/water partition coefficient
- MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
- N/A = Not available
- UN = United Nations

### Procedure used to derive the classification

Classification	Justification
Agendia NGS RNase Block EYE IRRITATION - Category 2B	Calculation method

Indicates information that has changed from previously issued version.

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.