

# SAFETY DATA SHEET

Agilent RNA 6000 Pico Kit, Part Number 5067-1513

## Section 1. Identification

**Product identifier** : Agilent RNA 6000 Pico Kit, Part Number 5067-1513

**Part no. (chemical kit)** : 5067-1513

**Part no.** : Reagents RNA Pico G2938-80024  
 RNA Pico Conditioning Solution Not available.  
 RNA Pico Gel Matrix Not available.  
 RNA Pico Dye Concentrate Not available.  
 RNA Pico Marker Not available.  
RNA 6000 Pico ladder G2938-80039  
 RNA Pico Ladder Not available.

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

**Identified uses** :  For research use only.  
 RNA Pico Conditioning Solution 1 x 0.3 ml  
 RNA Pico Gel Matrix 2 x 1.2 ml  
 RNA Pico Dye Concentrate 1 x 0.035 ml  
 RNA Pico Marker 4 x 0.6 ml  
 RNA Pico Ladder 1 x 0.01 ml

**Uses advised against** :  Not for use in diagnostic procedures.

**Supplier/Manufacturer** : Agilent Technologies Australia Pty Ltd  
 679 Springvale Road  
 Mulgrave  
 Victoria 3170, Australia  
 1800 802 402

**Emergency telephone number (with hours of operation)** : CHEMTREC®: +(61)-290372994

## Section 2. Hazard(s) identification

### Classification of the substance or mixture

**RNA Pico Dye Concentrate**

H227 FLAMMABLE LIQUIDS - Category 4  
 H319 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A  
 H412 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3

RNA Pico Conditioning Solution Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 4.6%  
 RNA Pico Gel Matrix Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 4.6%

### GHS label elements

**Hazard pictograms** :  RNA Pico Dye Concentrate



## Section 2. Hazard(s) identification

<b>Signal word</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate RNA Pico Marker RNA Pico Ladder	No signal word. No signal word. WARNING No signal word. No signal word.
<b>Hazard statements</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate  RNA Pico Marker RNA Pico Ladder	No known significant effects or critical hazards. No known significant effects or critical hazards. H227 - Combustible liquid. H319 - Causes serious eye irritation. H412 - Harmful to aquatic life with long lasting effects. No known significant effects or critical hazards. No known significant effects or critical hazards.
<b><u>Precautionary statements</u></b>		
<b>Prevention</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate  RNA Pico Marker RNA Pico Ladder	Not applicable. Not applicable. P280 - Wear eye or face protection. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P273 - Avoid release to the environment. Not applicable. Not applicable.
<b>Response</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate  RNA Pico Marker RNA Pico Ladder	Not applicable. Not applicable. 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. Not applicable. Not applicable.
<b>Storage</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate RNA Pico Marker RNA Pico Ladder	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
<b>Disposal</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate  RNA Pico Marker RNA Pico Ladder	Not applicable. Not applicable. P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. Not applicable. Not applicable.
<b>Supplemental label elements</b>		
<b>Additional warning phrases</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate RNA Pico Marker RNA Pico Ladder	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.

## Section 2. Hazard(s) identification

<b>Other hazards which do not result in classification</b>	<b>RNA Pico Conditioning Solution</b>	None known.
	<b>RNA Pico Gel Matrix</b>	None known.
	<b>RNA Pico Dye Concentrate</b>	None known.
	<b>RNA Pico Marker</b>	None known.
	<b>RNA Pico Ladder</b>	None known.

## Section 3. Composition and ingredient information

<b>Substance/mixture</b>	<b>RNA Pico Conditioning Solution</b>	Mixture
	<b>RNA Pico Gel Matrix</b>	Mixture
	<b>RNA Pico Dye Concentrate</b>	Mixture
	<b>RNA Pico Marker</b>	Mixture
	<b>RNA Pico Ladder</b>	Mixture

### CAS number/other identifiers

Ingredient name	% (w/w)	CAS number
<b>RNA Pico Dye Concentrate</b>		
Dimethyl sulfoxide	≥90	67-68-5
Polyoxyethylene octyl phenyl ether	<2.5	9002-93-1

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

The total concentration of ingredients in this product, reported or not in this section, is 100%.

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

## Section 4. First aid measures

### Description of necessary first aid measures

<b>Eye contact</b>	<b>RNA Pico Conditioning Solution</b>	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>RNA Pico Gel Matrix</b>	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>RNA Pico Dye Concentrate</b>	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. Get medical attention.
	<b>RNA Pico Marker</b>	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>RNA Pico Ladder</b>	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>	<b>RNA Pico Conditioning Solution</b>	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.
	<b>RNA Pico Gel Matrix</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical

## Section 4. First aid measures

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.

**RNA Pico Dye Concentrate**  
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.

**RNA Pico Marker**  
Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

**RNA Pico Ladder**  
Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

### Skin contact

**RNA Pico Conditioning Solution**  
Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

**RNA Pico Gel Matrix**  
Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

**RNA Pico Dye Concentrate**  
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.

**RNA Pico Marker**  
Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

**RNA Pico Ladder**  
Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

### Ingestion

**RNA Pico Conditioning Solution**  
Wash out mouth with water. 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.

**RNA Pico Gel Matrix**  
Wash out mouth with water. 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.

**RNA Pico Dye Concentrate**  
Wash out mouth with water. Remove dentures if any. 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.

**RNA Pico Marker**  
Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give

## Section 4. First aid measures

RNA Pico Ladder

small 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. 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.

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

#### Potential acute health effects

<b>Eye contact</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate RNA Pico Marker RNA Pico Ladder	No known significant effects or critical hazards. No known significant effects or critical hazards. Causes serious eye irritation. No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Inhalation</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate RNA Pico Marker RNA Pico Ladder	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>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate RNA Pico Marker RNA Pico Ladder	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>Ingestion</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate RNA Pico Marker RNA Pico Ladder	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.

#### Over-exposure signs/symptoms

<b>Eye contact</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate  RNA Pico Marker RNA Pico Ladder	No specific data. No specific data. Adverse symptoms may include the following: pain or irritation watering redness No specific data. No specific data.
<b>Inhalation</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate RNA Pico Marker RNA Pico Ladder	No specific data. No specific data. No specific data. No specific data. No specific data.
<b>Skin contact</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate RNA Pico Marker RNA Pico Ladder	No specific data. No specific data. No specific data. No specific data. No specific data.

## Section 4. First aid measures

<b>Ingestion</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate RNA Pico Marker RNA Pico Ladder	No specific data. No specific data. No specific data. No specific data. No specific data.
<b><u>Indication of immediate medical attention and special treatment needed, if necessary</u></b>		
<b>Notes to physician</b>	: RNA Pico Conditioning Solution  RNA Pico Gel Matrix  RNA Pico Dye Concentrate  RNA Pico Marker  RNA Pico Ladder	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. 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. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
<b>Specific treatments</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate RNA Pico Marker RNA Pico Ladder	No specific treatment. No specific treatment. No specific treatment. No specific treatment. No specific treatment.
<b>Protection of first-aiders</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix  RNA Pico Dye Concentrate  RNA Pico Marker  RNA Pico Ladder	No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. 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. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

## Section 5. Firefighting measures

### Extinguishing media

<b>Suitable extinguishing media</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix  RNA Pico Dye Concentrate RNA Pico Marker  RNA Pico Ladder	Use an extinguishing agent suitable for the surrounding fire. Use an extinguishing agent suitable for the surrounding fire. Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam. Use an extinguishing agent suitable for the surrounding fire. Use an extinguishing agent suitable for the surrounding fire.
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## Section 5. Firefighting measures

<b>Unsuitable extinguishing media</b>	: RNA Pico Conditioning Solution	None known.
	RNA Pico Gel Matrix	None known.
	RNA Pico Dye Concentrate	Do not use water jet.
	RNA Pico Marker	None known.
	RNA Pico Ladder	None known.
<b>Specific hazards arising from the chemical</b>	: RNA Pico Conditioning Solution	In a fire or if heated, a pressure increase will occur and the container may burst.
	RNA Pico Gel Matrix	In a fire or if heated, a pressure increase will occur and the container may burst.
	RNA Pico Dye Concentrate	Combustible liquid. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapour/gas is heavier than air and will spread along the ground. Vapours may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
	RNA Pico Marker	In a fire or if heated, a pressure increase will occur and the container may burst.
	RNA Pico Ladder	In a fire or if heated, a pressure increase will occur and the container may burst.
<b>Hazardous thermal decomposition products</b>	: RNA Pico Conditioning Solution	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides sulfur oxides
	RNA Pico Gel Matrix	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides sulfur oxides
	RNA Pico Dye Concentrate	Decomposition products may include the following materials: carbon dioxide carbon monoxide sulfur oxides
	RNA Pico Marker	No specific data.
	RNA Pico Ladder	No specific data.
<b>Special protective actions for fire-fighters</b>	: RNA Pico Conditioning Solution	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.
	RNA Pico Gel Matrix	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.
	RNA Pico Dye Concentrate	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. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
	RNA Pico Marker	Promptly isolate the scene by removing all persons



## Section 5. Firefighting measures

### Special protective equipment for fire-fighters

RNA Pico Ladder

from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

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.

: RNA Pico Conditioning Solution

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

RNA Pico Gel Matrix

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

RNA Pico Dye Concentrate

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

RNA Pico Marker

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

RNA Pico Ladder

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

### Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

: RNA Pico Conditioning Solution

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 spilt material. Put on appropriate personal protective equipment.

RNA Pico Gel Matrix

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 spilt material. Put on appropriate personal protective equipment.

RNA Pico Dye Concentrate

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 spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

RNA Pico Marker

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 spilt material. Put on appropriate personal protective equipment.

RNA Pico Ladder

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



## Section 6. Accidental release measures

**For emergency responders** : RNA Pico Conditioning Solution

through spilt material. Put on appropriate personal protective equipment.

If specialised 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".

RNA Pico Gel Matrix

If specialised 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".

RNA Pico Dye Concentrate

If specialised 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".

RNA Pico Marker

If specialised 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".

RNA Pico Ladder

If specialised 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".

**Environmental precautions** : RNA Pico Conditioning Solution

Avoid dispersal of spilt 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).

RNA Pico Gel Matrix

Avoid dispersal of spilt 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).

RNA Pico Dye Concentrate

Avoid dispersal of spilt 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). Water polluting material. May be harmful to the environment if released in large quantities.

RNA Pico Marker

Avoid dispersal of spilt 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).

RNA Pico Ladder

Avoid dispersal of spilt 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).

### Methods and material for containment and cleaning up

**Methods for cleaning up** : RNA Pico Conditioning Solution

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.

RNA Pico Gel Matrix

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 6. Accidental release measures

RNA Pico Dye Concentrate	disposal contractor. Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. 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.
RNA Pico Marker	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.
RNA Pico Ladder	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

### Precautions for safe handling

#### Protective measures

: RNA Pico Conditioning Solution	Put on appropriate personal protective equipment (see Section 8).
RNA Pico Gel Matrix	Put on appropriate personal protective equipment (see Section 8).
RNA Pico Dye Concentrate	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous. Do not reuse container.
RNA Pico Marker	Put on appropriate personal protective equipment (see Section 8).
RNA Pico Ladder	Put on appropriate personal protective equipment (see Section 8).

#### Advice on general occupational hygiene

: RNA Pico Conditioning Solution	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.
RNA Pico Gel Matrix	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.
RNA Pico Dye Concentrate	Eating, drinking and smoking should be prohibited in

## Section 7. Handling and storage

		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.
	RNA Pico Marker	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.
	RNA Pico Ladder	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.
<b>Conditions for safe storage, including any incompatibilities</b>	 RNA Pico Conditioning Solution	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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	RNA Pico Gel Matrix	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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	RNA Pico Dye Concentrate	Store in accordance with local regulations. Store in a segregated and approved area. 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. Eliminate all ignition sources. Separate from oxidising materials. 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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	RNA Pico Marker	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

## Section 7. Handling and storage

RNA Pico Ladder

prevent leakage. Do not store in unlabelled 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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls and personal protection

### Control parameters

### Occupational exposure limits

Ingredient name	Exposure limits
<b>RNA Pico Dye Concentrate</b> Dimethyl sulfoxide	<b>DFG MAC-values list (Germany, 10/2021).            Absorbed through skin.</b> PEAK: 320 mg/m <sup>3</sup> , 4 times per shift, 15 minutes. TWA: 160 mg/m <sup>3</sup> 8 hours. PEAK: 100 ppm, 4 times per shift, 15 minutes. TWA: 50 ppm 8 hours.

### Biological exposure indices

No exposure indices known.

**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: chemical splash goggles.

### Skin protection

## Section 8. Exposure controls and personal 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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- 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 and safety characteristics

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

<b>Physical state</b>	:	RNA Pico Conditioning Solution	Liquid.
		RNA Pico Gel Matrix	Liquid.
		RNA Pico Dye Concentrate	Liquid.
		RNA Pico Marker	Liquid.
		RNA Pico Ladder	Liquid.
<b>Colour</b>	:	RNA Pico Conditioning Solution	Not available.
		RNA Pico Gel Matrix	Not available.
		RNA Pico Dye Concentrate	Blue.
		RNA Pico Marker	Not available.
		RNA Pico Ladder	Not available.
<b>Odour</b>	:	RNA Pico Conditioning Solution	Not available.
		RNA Pico Gel Matrix	Not available.
		RNA Pico Dye Concentrate	Not available.
		RNA Pico Marker	Not available.
		RNA Pico Ladder	Not available.
<b>Odour threshold</b>	:	RNA Pico Conditioning Solution	Not available.
		RNA Pico Gel Matrix	Not available.
		RNA Pico Dye Concentrate	Not available.
		RNA Pico Marker	Not available.
		RNA Pico Ladder	Not available.
<b>pH</b>	:	RNA Pico Conditioning Solution	Not available.
		RNA Pico Gel Matrix	Not available.
		RNA Pico Dye Concentrate	Not available.
		RNA Pico Marker	Not available.
		RNA Pico Ladder	Not available.
<b>Melting point/freezing point</b>	:	RNA Pico Conditioning Solution	0°C (32°F)
		RNA Pico Gel Matrix	Not available.
		RNA Pico Dye Concentrate	18.5°C (65.3°F)
		RNA Pico Marker	0°C (32°F)
		RNA Pico Ladder	0°C (32°F)

## Section 9. Physical and chemical properties and safety characteristics

<b>Boiling point, initial boiling point, and boiling range</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate RNA Pico Marker RNA Pico Ladder	100°C (212°F) Not available. 189°C (372.2°F) 100°C (212°F) 100°C (212°F)
<b>Flash point</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate RNA Pico Marker RNA Pico Ladder	Not available. Not available. Closed cup: 61 to 93.3°C (141.8 to 199.9°F) Not available. Not available.
<b>Evaporation rate</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate RNA Pico Marker RNA Pico Ladder	Not available. Not available. 0.026 (butyl acetate = 1) Not available. Not available.
<b>Flammability</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate RNA Pico Marker RNA Pico Ladder	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
<b>Lower and upper explosion limit/flammability limit</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate RNA Pico Marker RNA Pico Ladder	Not available. Not available. Not available. Not available. Not available.
<b>Vapour pressure</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate RNA Pico Marker RNA Pico Ladder	Not available. Not available. 0.056 kPa (0.42 mm Hg) Not available. Not available.

Ingredient name	Vapour Pressure at 20°C			Vapour pressure at 50°C		
	mm Hg	kPa	Method	mm Hg	kPa	Method
<b>RNA Pico Conditioning Solution</b>						
water	23.8	3.2		92.258	12.3	
<b>RNA Pico Gel Matrix</b>						
water	23.8	3.2		92.258	12.3	
<b>RNA Pico Marker</b>						
water	23.8	3.2		92.258	12.3	
<b>RNA Pico Ladder</b>						
water	23.8	3.2		92.258	12.3	



## Section 9. Physical and chemical properties and safety characteristics

**Relative vapour density** : RNA Pico Conditioning Solution Not available.  
 RNA Pico Gel Matrix Not available.  
 RNA Pico Dye Concentrate 2.7 [Air = 1]  
 RNA Pico Marker Not available.  
 RNA Pico Ladder Not available.

**Relative density** : RNA Pico Conditioning Solution Not available.  
 RNA Pico Gel Matrix Not available.  
 RNA Pico Dye Concentrate 1.1  
 RNA Pico Marker Not available.  
 RNA Pico Ladder Not available.

<b>Solubility(ies)</b>	<b>Media</b>	<b>Result</b>
	RNA Pico Conditioning Solution	
	water	Soluble
	RNA Pico Gel Matrix	
	water	Soluble
	RNA Pico Dye Concentrate	
	water	Soluble
	RNA Pico Marker	
	water	Soluble
	RNA Pico Ladder	
	water	Soluble

**Partition coefficient: n-octanol/water** : RNA Pico Conditioning Solution Not applicable.  
 RNA Pico Gel Matrix Not applicable.  
 RNA Pico Dye Concentrate Not applicable.  
 RNA Pico Marker Not applicable.  
 RNA Pico Ladder Not applicable.

<b>Auto-ignition temperature</b>	<b>Ingredient name</b>	<b>°C</b>	<b>°F</b>	<b>Method</b>
	RNA Pico Dye Concentrate			
	Dimethyl sulfoxide	300 to 302	572 to 575.6	

**Decomposition temperature** : RNA Pico Conditioning Solution Not available.  
 RNA Pico Gel Matrix Not available.  
 RNA Pico Dye Concentrate 140 to 189°C (284 to 372.2°F)  
 RNA Pico Marker Not available.  
 RNA Pico Ladder Not available.

**Viscosity** : RNA Pico Conditioning Solution Not available.  
 RNA Pico Gel Matrix Not available.  
 RNA Pico Dye Concentrate Not available.  
 RNA Pico Marker Not available.  
 RNA Pico Ladder Not available.

**Particle characteristics**

**Median particle size** : RNA Pico Conditioning Solution Not applicable.  
 RNA Pico Gel Matrix Not applicable.  
 RNA Pico Dye Concentrate Not applicable.  
 RNA Pico Marker Not applicable.  
 RNA Pico Ladder Not applicable.

## Section 10. Stability and reactivity

<b>Reactivity</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix  RNA Pico Dye Concentrate  RNA Pico Marker  RNA Pico Ladder	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>Chemical stability</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate RNA Pico Marker RNA Pico Ladder	The product is stable.  The product is stable. The product is stable. The product is stable. The product is stable.
<b>Possibility of hazardous reactions</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix  RNA Pico Dye Concentrate  RNA Pico Marker  RNA Pico Ladder	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>Conditions to avoid</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate   RNA Pico Marker RNA Pico Ladder	No specific data.  No specific data. Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapour to accumulate in low or confined areas.  No specific data. No specific data.
<b>Incompatible materials</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate  RNA Pico Marker RNA Pico Ladder	May react or be incompatible with oxidising materials.  May react or be incompatible with oxidising materials. Reactive or incompatible with the following materials: oxidising materials May react or be incompatible with oxidising materials. May react or be incompatible with oxidising materials.
<b>Hazardous decomposition products</b>	: RNA Pico Conditioning Solution  RNA Pico Gel Matrix  RNA Pico Dye Concentrate  RNA Pico Marker	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 10. Stability and reactivity

RNA Pico Ladder

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
<input checked="" type="checkbox"/> RNA Pico Dye Concentrate				
Dimethyl sulfoxide	LD50 Dermal	Rat	40000 mg/kg	-
	LD50 Oral	Rat	14500 mg/kg	-
Polyoxyethylene octyl phenyl ether	LD50 Oral	Rat	1800 mg/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
<input checked="" type="checkbox"/> RNA Pico Dye Concentrate					
Dimethyl sulfoxide	Eyes - Mild irritant	Rabbit	-	100 mg	-
	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	100 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-
Polyoxyethylene octyl phenyl ether	Skin - Mild irritant	Rabbit	-	24 hours 500 uL	-

#### Sensitisation

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.

**Information on likely routes of exposure** :  RNA Pico Conditioning Solution  
 RNA Pico Gel Matrix  
 RNA Pico Dye Concentrate  
 RNA Pico Marker  
 RNA Pico Ladder

Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.  
 Not available.  
 Not available.  
 Not available.  
 Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.

#### Potential acute health effects

## Section 11. Toxicological information

<b>Eye contact</b>	: RNA Pico Conditioning Solution	No known significant effects or critical hazards.
	RNA Pico Gel Matrix	No known significant effects or critical hazards.
	RNA Pico Dye Concentrate	Causes serious eye irritation.
	RNA Pico Marker	No known significant effects or critical hazards.
	RNA Pico Ladder	No known significant effects or critical hazards.
<b>Inhalation</b>	: RNA Pico Conditioning Solution	No known significant effects or critical hazards.
	RNA Pico Gel Matrix	No known significant effects or critical hazards.
	RNA Pico Dye Concentrate	No known significant effects or critical hazards.
	RNA Pico Marker	No known significant effects or critical hazards.
	RNA Pico Ladder	No known significant effects or critical hazards.
<b>Skin contact</b>	: RNA Pico Conditioning Solution	No known significant effects or critical hazards.
	RNA Pico Gel Matrix	No known significant effects or critical hazards.
	RNA Pico Dye Concentrate	No known significant effects or critical hazards.
	RNA Pico Marker	No known significant effects or critical hazards.
	RNA Pico Ladder	No known significant effects or critical hazards.
<b>Ingestion</b>	: RNA Pico Conditioning Solution	No known significant effects or critical hazards.
	RNA Pico Gel Matrix	No known significant effects or critical hazards.
	RNA Pico Dye Concentrate	No known significant effects or critical hazards.
	RNA Pico Marker	No known significant effects or critical hazards.
	RNA Pico Ladder	No known significant effects or critical hazards.

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

<b>Eye contact</b>	: RNA Pico Conditioning Solution	No specific data.
	RNA Pico Gel Matrix	No specific data.
	RNA Pico Dye Concentrate	Adverse symptoms may include the following: pain or irritation watering redness
	RNA Pico Marker	No specific data.
	RNA Pico Ladder	No specific data.
<b>Inhalation</b>	: RNA Pico Conditioning Solution	No specific data.
	RNA Pico Gel Matrix	No specific data.
	RNA Pico Dye Concentrate	No specific data.
	RNA Pico Marker	No specific data.
	RNA Pico Ladder	No specific data.
<b>Skin contact</b>	: RNA Pico Conditioning Solution	No specific data.
	RNA Pico Gel Matrix	No specific data.
	RNA Pico Dye Concentrate	No specific data.
	RNA Pico Marker	No specific data.
	RNA Pico Ladder	No specific data.
<b>Ingestion</b>	: RNA Pico Conditioning Solution	No specific data.
	RNA Pico Gel Matrix	No specific data.
	RNA Pico Dye Concentrate	No specific data.
	RNA Pico Marker	No specific data.
	RNA Pico Ladder	No specific data.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### Short term exposure

<b>Potential immediate effects</b>	: Not available.
<b>Potential delayed effects</b>	: Not available.

## Section 11. Toxicological information

### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Potential chronic health effects

<b>General</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate RNA Pico Marker RNA Pico Ladder	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>Carcinogenicity</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate RNA Pico Marker RNA Pico Ladder	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>Mutagenicity</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate RNA Pico Marker RNA Pico Ladder	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>Reproductive toxicity</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate RNA Pico Marker RNA Pico Ladder	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 (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
<b>RNA Pico Dye Concentrate</b>					
RNA Pico Dye Concentrate	94095.9	N/A	N/A	N/A	N/A
Dimethyl sulfoxide	14500	40000	N/A	N/A	N/A
Polyoxyethylene octyl phenyl ether	1800	N/A	N/A	N/A	N/A

<b>Other information</b>	: RNA Pico Conditioning Solution RNA Pico Gel Matrix RNA Pico Dye Concentrate RNA Pico Marker RNA Pico Ladder	Not available. Not available. Not available. Not available. Not available.
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## Section 12. Ecological information

### Toxicity

## Section 12. Ecological information

Product/ingredient name	Result	Species	Exposure
RNA Pico Dye Concentrate Dimethyl sulfoxide	Acute LC50 25000 ppm Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 34000000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	Chronic NOEC 100 µl/L Marine water	Algae - Ulva lactuca	72 hours
	Chronic NOEC 100 µl/L Fresh water	Daphnia - Daphnia magna - Juvenile (Fledgling, Hatchling, Weanling)	21 days
Polyoxyethylene octyl phenyl ether	Acute LC50 5.85 mg/l Fresh water	Crustaceans - Ceriodaphnia rigaudi - Neonate	48 hours
	Acute LC50 11.2 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 4500 µg/l Fresh water	Fish - Pimephales promelas	96 hours

### Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
RNA Pico Dye Concentrate Dimethyl sulfoxide	OECD 301D Ready Biodegradability - Closed Bottle Test	31 % - Not readily - 28 days	-	-

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
RNA Pico Dye Concentrate Dimethyl sulfoxide	-	-	Not readily
Polyoxyethylene octyl phenyl ether	-	-	Readily

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
RNA Pico Dye Concentrate Dimethyl sulfoxide	-1.35	3.16	low
Polyoxyethylene octyl phenyl ether	4.86	-	high

### Mobility in soil

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

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

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimised 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. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.



## Section 14. Transport information

**ADG / IMDG / IATA** : Not regulated as Dangerous Goods according to the ADG Code .

**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

### Standard for the Uniform Scheduling of Medicines and Poisons

6

### Model Work Health and Safety Regulations - Scheduled Substances

No listed substance

### 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>Eurasian Economic Union</b>	: <b>Russian Federation inventory:</b> Not determined.
<b>Japan</b>	: <b>Japan inventory (CSCL):</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>	: Not determined.
<b>Thailand</b>	: Not determined.
<b>Turkey</b>	: Not determined.
<b>United States</b>	: Not determined.
<b>Viet Nam</b>	: Not determined.

## Section 16. Any other relevant information

### History

<b>Date of issue/Date of revision</b>	: 21/12/2022
<b>Date of previous issue</b>	: 04/12/2020
<b>Version</b>	: 10

## Section 16. Any other relevant information

**Key to abbreviations**

- : ADG = Australian Dangerous Goods
- ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
- 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
- SUSMP = Standard Uniform Schedule of Medicine and Poisons
- UN = United Nations

### Procedure used to derive the classification

Classification	Justification
<p><b>RNA Pico Dye Concentrate</b>                      FLAMMABLE LIQUIDS - Category 4                      SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A                      LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3</p>	<p>On basis of test data                      Calculation method                      Calculation method</p>

Indicates information that has changed from previously issued version.

### Notice to reader

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