

# SAFETY DATA SHEET

SureSelect Strand-Specific RNA Library Prep Kit Box 2 - ILM - 16 Samples, Part Number 5190-6410

## Section 1. Identification

**Product identifier** : SureSelect Strand-Specific RNA Library Prep Kit Box 2 - ILM - 16 Samples, Part Number 5190-6410

**Part no. (chemical kit)** : 5190-6410

**Part no.** :

Nuclease Free Water	5190-6404
RNA Seq Bead Washing Buffer	5190-6402
Oligo (dT) Microparticles	5190-6400
RNA Seq Bead Binding Buffer	5190-6401
RNA Seq Bead Elution Buffer	5190-6403

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

**Material uses** : Analytical reagent.

Nuclease Free Water	2.6 ml (16 reactions)
RNA Seq Bead Washing Buffer	7 ml (16 reactions)
Oligo (dT) Microparticles	0.44 ml (16 reactions)
RNA Seq Bead Binding Buffer	0.44 ml (16 reactions)
RNA Seq Bead Elution Buffer	0.44 ml (16 reactions)

**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

Not classified.

### GHS label elements

**Signal word** :

Nuclease Free Water	No signal word.
RNA Seq Bead Washing Buffer	No signal word.
Oligo (dT) Microparticles	No signal word.
RNA Seq Bead Binding Buffer	No signal word.
RNA Seq Bead Elution Buffer	No signal word.

**Hazard statements** :

Nuclease Free Water	No known significant effects or critical hazards.
RNA Seq Bead Washing Buffer	No known significant effects or critical hazards.
Oligo (dT) Microparticles	No known significant effects or critical hazards.
RNA Seq Bead Binding Buffer	No known significant effects or critical hazards.
RNA Seq Bead Elution Buffer	No known significant effects or critical hazards.

### Precautionary statements

## Section 2. Hazard(s) identification

<b>Prevention</b>	:	<input checked="" type="checkbox"/> Nuclease Free Water RNA Seq Bead Washing Buffer <input type="checkbox"/> Oligo (dT) Microparticles RNA Seq Bead Binding Buffer <input type="checkbox"/> RNA Seq Bead Elution Buffer	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
<b>Response</b>	:	<input checked="" type="checkbox"/> Nuclease Free Water RNA Seq Bead Washing Buffer <input type="checkbox"/> Oligo (dT) Microparticles RNA Seq Bead Binding Buffer <input type="checkbox"/> RNA Seq Bead Elution Buffer	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
<b>Storage</b>	:	<input checked="" type="checkbox"/> Nuclease Free Water RNA Seq Bead Washing Buffer <input type="checkbox"/> Oligo (dT) Microparticles RNA Seq Bead Binding Buffer <input type="checkbox"/> RNA Seq Bead Elution Buffer	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
<b>Disposal</b>	:	<input checked="" type="checkbox"/> Nuclease Free Water RNA Seq Bead Washing Buffer <input type="checkbox"/> Oligo (dT) Microparticles RNA Seq Bead Binding Buffer <input type="checkbox"/> RNA Seq Bead Elution Buffer	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
<b>Supplemental label elements</b>			
<b>Additional warning phrases</b>	:	<input checked="" type="checkbox"/> Nuclease Free Water RNA Seq Bead Washing Buffer <input type="checkbox"/> Oligo (dT) Microparticles RNA Seq Bead Binding Buffer <input type="checkbox"/> RNA Seq Bead Elution Buffer	Not applicable. Not applicable. Contains engineered/manufactured nanomaterials. Caution: Hazards unknown. Not applicable. Not applicable.
<b>Other hazards which do not result in classification</b>	:	<input checked="" type="checkbox"/> Nuclease Free Water RNA Seq Bead Washing Buffer <input type="checkbox"/> Oligo (dT) Microparticles RNA Seq Bead Binding Buffer <input type="checkbox"/> RNA Seq Bead Elution Buffer	None known. None known. None known. None known. None known.

## Section 3. Composition and ingredient information

<b>Substance/mixture</b>	:	<input checked="" type="checkbox"/> Nuclease Free Water RNA Seq Bead Washing Buffer <input type="checkbox"/> Oligo (dT) Microparticles RNA Seq Bead Binding Buffer <input type="checkbox"/> RNA Seq Bead Elution Buffer	Substance Mixture Mixture Mixture Mixture
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### CAS number/other identifiers

## Section 3. Composition and ingredient information

Ingredient name	% (w/w)	CAS number
<b>Nuclease Free Water</b> Water	100	7732-18-5
<b>Oligo (dT) Microparticles</b> Lithium chloride	≤5	7447-41-8
<b>RNA Seq Bead Binding Buffer</b> Lithium chloride	≤5	7447-41-8

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

### Description of necessary first aid measures

<b>Eye contact</b>	: <b>Nuclease Free Water</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.
	RNA Seq Bead Washing Buffer	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.
	Oligo (dT) Microparticles	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.
	RNA Seq Bead Binding Buffer	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.
	RNA Seq Bead Elution Buffer	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>Nuclease Free Water</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	RNA Seq Bead Washing Buffer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	Oligo (dT) Microparticles	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	RNA Seq Bead Binding Buffer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	RNA Seq Bead Elution Buffer	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>	: <b>Nuclease Free Water</b>	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	RNA Seq Bead Washing Buffer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Oligo (dT) Microparticles	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get

## Section 4. First aid measures

	RNA Seq Bead Binding Buffer	medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	RNA Seq Bead Elution Buffer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
<b>Ingestion</b>	: Nuclease Free Water	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.
	RNA Seq Bead Washing Buffer	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.
	Oligo (dT) Microparticles	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.
	RNA Seq Bead Binding Buffer	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.
	RNA Seq Bead Elution Buffer	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.

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

#### Potential acute health effects

<b>Eye contact</b>	: Nuclease Free Water	No known significant effects or critical hazards.
	RNA Seq Bead Washing Buffer	No known significant effects or critical hazards.
	Oligo (dT) Microparticles	No known significant effects or critical hazards.
	RNA Seq Bead Binding Buffer	No known significant effects or critical hazards.
	RNA Seq Bead Elution Buffer	No known significant effects or critical hazards.
<b>Inhalation</b>	: Nuclease Free Water	No known significant effects or critical hazards.
	RNA Seq Bead Washing Buffer	No known significant effects or critical hazards.
	Oligo (dT) Microparticles	No known significant effects or critical hazards.
	RNA Seq Bead Binding Buffer	No known significant effects or critical hazards.
	RNA Seq Bead Elution Buffer	No known significant effects or critical hazards.

## Section 4. First aid measures

<b>Skin contact</b>	:	<input checked="" type="checkbox"/> Nuclease Free Water	No known significant effects or critical hazards.
		RNA Seq Bead Washing Buffer	No known significant effects or critical hazards.
		Oligo (dT) Microparticles	No known significant effects or critical hazards.
		RNA Seq Bead Binding Buffer	No known significant effects or critical hazards.
		RNA Seq Bead Elution Buffer	No known significant effects or critical hazards.
<b>Ingestion</b>	:	<input checked="" type="checkbox"/> Nuclease Free Water	No known significant effects or critical hazards.
		RNA Seq Bead Washing Buffer	No known significant effects or critical hazards.
		Oligo (dT) Microparticles	No known significant effects or critical hazards.
		RNA Seq Bead Binding Buffer	No known significant effects or critical hazards.
		RNA Seq Bead Elution Buffer	No known significant effects or critical hazards.

### Over-exposure signs/symptoms

<b>Eye contact</b>	:	<input checked="" type="checkbox"/> Nuclease Free Water	No specific data.
		RNA Seq Bead Washing Buffer	No specific data.
		Oligo (dT) Microparticles	No specific data.
		RNA Seq Bead Binding Buffer	No specific data.
		RNA Seq Bead Elution Buffer	No specific data.
<b>Inhalation</b>	:	<input checked="" type="checkbox"/> Nuclease Free Water	No specific data.
		RNA Seq Bead Washing Buffer	No specific data.
		Oligo (dT) Microparticles	No specific data.
		RNA Seq Bead Binding Buffer	No specific data.
		RNA Seq Bead Elution Buffer	No specific data.
<b>Skin contact</b>	:	<input checked="" type="checkbox"/> Nuclease Free Water	No specific data.
		RNA Seq Bead Washing Buffer	No specific data.
		Oligo (dT) Microparticles	No specific data.
		RNA Seq Bead Binding Buffer	No specific data.
		RNA Seq Bead Elution Buffer	No specific data.
<b>Ingestion</b>	:	<input checked="" type="checkbox"/> Nuclease Free Water	No specific data.
		RNA Seq Bead Washing Buffer	No specific data.
		Oligo (dT) Microparticles	No specific data.
		RNA Seq Bead Binding Buffer	No specific data.
		RNA Seq Bead Elution Buffer	No specific data.

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

<b>Notes to physician</b>	:	<input checked="" type="checkbox"/> Nuclease Free Water	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		RNA Seq Bead Washing Buffer	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		Oligo (dT) Microparticles	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		RNA Seq Bead Binding Buffer	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		RNA Seq Bead Elution Buffer	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

## Section 4. First aid measures

<b>Specific treatments</b>	:	<input checked="" type="checkbox"/> Nuclease Free Water	No specific treatment.
		RNA Seq Bead Washing Buffer	No specific treatment.
		Oligo (dT) Microparticles	No specific treatment.
		RNA Seq Bead Binding Buffer	No specific treatment.
		RNA Seq Bead Elution Buffer	No specific treatment.
<b>Protection of first-aiders</b>	:	<input checked="" type="checkbox"/> Nuclease Free Water	No action shall be taken involving any personal risk or without suitable training.
		RNA Seq Bead Washing Buffer	No action shall be taken involving any personal risk or without suitable training.
		Oligo (dT) Microparticles	No action shall be taken involving any personal risk or without suitable training.
		RNA Seq Bead Binding Buffer	No action shall be taken involving any personal risk or without suitable training.
		RNA Seq Bead Elution Buffer	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>	:	<input checked="" type="checkbox"/> Nuclease Free Water	Use an extinguishing agent suitable for the surrounding fire.
		RNA Seq Bead Washing Buffer	Use an extinguishing agent suitable for the surrounding fire.
		Oligo (dT) Microparticles	Use an extinguishing agent suitable for the surrounding fire.
		RNA Seq Bead Binding Buffer	Use an extinguishing agent suitable for the surrounding fire.
		RNA Seq Bead Elution Buffer	Use an extinguishing agent suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	:	<input checked="" type="checkbox"/> Nuclease Free Water	None known.
		RNA Seq Bead Washing Buffer	None known.
		Oligo (dT) Microparticles	None known.
		RNA Seq Bead Binding Buffer	None known.
		RNA Seq Bead Elution Buffer	None known.

### Specific hazards arising from the chemical

:	<input checked="" type="checkbox"/> Nuclease Free Water	In a fire or if heated, a pressure increase will occur and the container may burst.
	RNA Seq Bead Washing Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
	Oligo (dT) Microparticles	In a fire or if heated, a pressure increase will occur and the container may burst.
	RNA Seq Bead Binding Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
	RNA Seq Bead Elution Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.

### Hazardous thermal decomposition products

:	<input checked="" type="checkbox"/> Nuclease Free Water	No specific data.
	RNA Seq Bead Washing Buffer	No specific data.
	Oligo (dT) Microparticles	Decomposition products may include the following materials: halogenated compounds metal oxide/oxides
	RNA Seq Bead Binding Buffer	Decomposition products may include the following materials: halogenated compounds metal oxide/oxides



## Section 5. Firefighting measures

RNA Seq Bead Elution Buffer No specific data.

### Special protective actions for fire-fighters

: Nuclease Free Water	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 Seq Bead Washing Buffer	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.
Oligo (dT) Microparticles	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 Seq Bead Binding Buffer	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 Seq Bead Elution Buffer	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

: Nuclease Free Water	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
RNA Seq Bead Washing Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Oligo (dT) Microparticles	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
RNA Seq Bead Binding Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
RNA Seq Bead Elution Buffer	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

: Nuclease Free Water	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 Seq Bead Washing Buffer	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.
Oligo (dT) Microparticles	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

## Section 6. Accidental release measures

		protective equipment.
	RNA Seq Bead Binding Buffer	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 Seq Bead Elution Buffer	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.
<b>For emergency responders</b>	<b>: Nuclease Free Water</b>	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 Seq Bead Washing Buffer	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".
	Oligo (dT) Microparticles	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 Seq Bead Binding Buffer	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 Seq Bead Elution Buffer	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".
<b>Environmental precautions</b>	<b>: Nuclease Free Water</b>	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 Seq Bead Washing Buffer	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).
	Oligo (dT) Microparticles	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 Seq Bead Binding Buffer	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 Seq Bead Elution Buffer	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



## Section 6. Accidental release measures

<b>Methods for cleaning up</b>	: Nuclease Free Water	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 Seq Bead Washing Buffer	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.
	Oligo (dT) Microparticles	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 Seq Bead Binding Buffer	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 Seq Bead Elution Buffer	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

<b>Protective measures</b>	: Nuclease Free Water	Put on appropriate personal protective equipment (see Section 8).
	RNA Seq Bead Washing Buffer	Put on appropriate personal protective equipment (see Section 8).
	Oligo (dT) Microparticles	Put on appropriate personal protective equipment (see Section 8).
	RNA Seq Bead Binding Buffer	Put on appropriate personal protective equipment (see Section 8).
	RNA Seq Bead Elution Buffer	Put on appropriate personal protective equipment (see Section 8).
<b>Advice on general occupational hygiene</b>	: Nuclease Free Water	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 Seq Bead Washing Buffer	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.
	Oligo (dT) Microparticles	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

## Section 7. Handling and storage

RNA Seq Bead Binding Buffer

before entering eating areas. See also Section 8 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.

RNA Seq Bead Elution Buffer

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.

**Conditions for safe storage, including any incompatibilities** : Nuclease Free Water

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 Seq Bead Washing Buffer

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.

Oligo (dT) Microparticles

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 Seq Bead Binding Buffer

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 Seq Bead Elution Buffer

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

## Section 7. Handling and storage

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>Øligo (dT) Microparticles</b> Lithium chloride	<b>DFG MAC-values list (Germany, 7/2015).</b> TWA: 0.2 mg/m <sup>3</sup> , (as Li) 8 hours. Form: Inhalable fraction PEAK: 0.2 mg/m <sup>3</sup> , (as Li), 4 times per shift, 15 minutes. Form: Inhalable fraction
<b>RNA Seq Bead Binding Buffer</b> Lithium chloride	<b>DFG MAC-values list (Germany, 7/2015).</b> TWA: 0.2 mg/m <sup>3</sup> , (as Li) 8 hours. Form: Inhalable fraction PEAK: 0.2 mg/m <sup>3</sup> , (as Li), 4 times per shift, 15 minutes. Form: Inhalable fraction

- 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.

## Section 8. Exposure controls and personal protection

**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

### Appearance

<b>Physical state</b>	:	<input checked="" type="checkbox"/> Nuclease Free Water	Liquid.
		RNA Seq Bead Washing Buffer	Liquid.
		Oligo (dT) Microparticles	Liquid.
		RNA Seq Bead Binding Buffer	Liquid.
		RNA Seq Bead Elution Buffer	Liquid.
<b>Colour</b>	:	<input checked="" type="checkbox"/> Nuclease Free Water	Colourless.
		RNA Seq Bead Washing Buffer	Not available.
		Oligo (dT) Microparticles	Not available.
		RNA Seq Bead Binding Buffer	Not available.
		RNA Seq Bead Elution Buffer	Not available.
<b>Odour</b>	:	<input checked="" type="checkbox"/> Nuclease Free Water	Odourless.
		RNA Seq Bead Washing Buffer	Not available.
		Oligo (dT) Microparticles	Not available.
		RNA Seq Bead Binding Buffer	Not available.
		RNA Seq Bead Elution Buffer	Not available.
<b>Odour threshold</b>	:	<input checked="" type="checkbox"/> Nuclease Free Water	Not available.
		RNA Seq Bead Washing Buffer	Not available.
		Oligo (dT) Microparticles	Not available.
		RNA Seq Bead Binding Buffer	Not available.
		RNA Seq Bead Elution Buffer	Not available.
<b>pH</b>	:	<input checked="" type="checkbox"/> Nuclease Free Water	7
		RNA Seq Bead Washing Buffer	7.5
		Oligo (dT) Microparticles	7.5
		RNA Seq Bead Binding Buffer	7.5
		RNA Seq Bead Elution Buffer	7.5
<b>Melting point</b>	:	<input checked="" type="checkbox"/> Nuclease Free Water	0°C (32°F)
		RNA Seq Bead Washing Buffer	0°C (32°F)
		Oligo (dT) Microparticles	Not available.
		RNA Seq Bead Binding Buffer	0°C (32°F)
		RNA Seq Bead Elution Buffer	0°C (32°F)
<b>Boiling point</b>	:	<input checked="" type="checkbox"/> Nuclease Free Water	100°C (212°F)
		RNA Seq Bead Washing Buffer	100°C (212°F)
		Oligo (dT) Microparticles	Not available.
		RNA Seq Bead Binding Buffer	100°C (212°F)
		RNA Seq Bead Elution Buffer	100°C (212°F)

## Section 9. Physical and chemical properties

<b>Flash point</b>	: Nuclease Free Water	Not applicable.
	RNA Seq Bead Washing Buffer	Not available.
	Oligo (dT) Microparticles	Not available.
	RNA Seq Bead Binding Buffer	Not available.
	RNA Seq Bead Elution Buffer	Not available.
<b>Evaporation rate</b>	: Nuclease Free Water	Not available.
	RNA Seq Bead Washing Buffer	Not available.
	Oligo (dT) Microparticles	Not available.
	RNA Seq Bead Binding Buffer	Not available.
	RNA Seq Bead Elution Buffer	Not available.
<b>Flammability (solid, gas)</b>	: Nuclease Free Water	Not applicable.
	RNA Seq Bead Washing Buffer	Not applicable.
	Oligo (dT) Microparticles	Not applicable.
	RNA Seq Bead Binding Buffer	Not applicable.
	RNA Seq Bead Elution Buffer	Not applicable.
<b>Lower and upper explosive (flammable) limits</b>	: Nuclease Free Water	Not available.
	RNA Seq Bead Washing Buffer	Not available.
	Oligo (dT) Microparticles	Not available.
	RNA Seq Bead Binding Buffer	Not available.
	RNA Seq Bead Elution Buffer	Not available.
<b>Vapour pressure</b>	: Nuclease Free Water	3.2 kPa (23.8 mm Hg) [room temperature]
	RNA Seq Bead Washing Buffer	Not available.
	Oligo (dT) Microparticles	Not available.
	RNA Seq Bead Binding Buffer	Not available.
	RNA Seq Bead Elution Buffer	Not available.
<b>Vapour density</b>	: Nuclease Free Water	0.62 [Air = 1]
	RNA Seq Bead Washing Buffer	Not available.
	Oligo (dT) Microparticles	Not available.
	RNA Seq Bead Binding Buffer	Not available.
	RNA Seq Bead Elution Buffer	Not available.
<b>Relative density</b>	: Nuclease Free Water	1
	RNA Seq Bead Washing Buffer	Not available.
	Oligo (dT) Microparticles	Not available.
	RNA Seq Bead Binding Buffer	Not available.
	RNA Seq Bead Elution Buffer	Not available.
<b>Solubility</b>	: Nuclease Free Water	Easily soluble in the following materials: cold water and hot water.
	RNA Seq Bead Washing Buffer	Easily soluble in the following materials: cold water and hot water.
	Oligo (dT) Microparticles	Easily soluble in the following materials: cold water and hot water.
	RNA Seq Bead Binding Buffer	Easily soluble in the following materials: cold water and hot water.
	RNA Seq Bead Elution Buffer	Easily soluble in the following materials: cold water and hot water.

## Section 9. Physical and chemical properties

<b>Partition coefficient: n-octanol/water</b>	: Nuclease Free Water	-1.38
	RNA Seq Bead Washing Buffer	Not available.
	Oligo (dT) Microparticles	Not available.
	RNA Seq Bead Binding Buffer	Not available.
	RNA Seq Bead Elution Buffer	Not available.
<b>Auto-ignition temperature</b>	: Nuclease Free Water	Not applicable.
	RNA Seq Bead Washing Buffer	Not available.
	Oligo (dT) Microparticles	Not available.
	RNA Seq Bead Binding Buffer	Not available.
	RNA Seq Bead Elution Buffer	Not available.
<b>Decomposition temperature</b>	: Nuclease Free Water	Not available.
	RNA Seq Bead Washing Buffer	Not available.
	Oligo (dT) Microparticles	Not available.
	RNA Seq Bead Binding Buffer	Not available.
	RNA Seq Bead Elution Buffer	Not available.
<b>Viscosity</b>	: Nuclease Free Water	Not available.
	RNA Seq Bead Washing Buffer	Not available.
	Oligo (dT) Microparticles	Not available.
	RNA Seq Bead Binding Buffer	Not available.
	RNA Seq Bead Elution Buffer	Not available.

## Section 10. Stability and reactivity

<b>Reactivity</b>	: Nuclease Free Water	No specific test data related to reactivity available for this product or its ingredients.
	RNA Seq Bead Washing Buffer	No specific test data related to reactivity available for this product or its ingredients.
	Oligo (dT) Microparticles	No specific test data related to reactivity available for this product or its ingredients.
	RNA Seq Bead Binding Buffer	No specific test data related to reactivity available for this product or its ingredients.
	RNA Seq Bead Elution Buffer	No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: Nuclease Free Water	The product is stable.
	RNA Seq Bead Washing Buffer	The product is stable.
	Oligo (dT) Microparticles	The product is stable.
	RNA Seq Bead Binding Buffer	The product is stable.
	RNA Seq Bead Elution Buffer	The product is stable.
<b>Possibility of hazardous reactions</b>	: Nuclease Free Water	Under normal conditions of storage and use, hazardous reactions will not occur.
	RNA Seq Bead Washing Buffer	Under normal conditions of storage and use, hazardous reactions will not occur.
	Oligo (dT) Microparticles	Under normal conditions of storage and use, hazardous reactions will not occur.
	RNA Seq Bead Binding Buffer	Under normal conditions of storage and use, hazardous reactions will not occur.
	RNA Seq Bead Elution Buffer	Under normal conditions of storage and use, hazardous reactions will not occur.



## Section 10. Stability and reactivity

<b>Conditions to avoid</b>	<b>:</b> Nuclease Free Water	No specific data.
	RNA Seq Bead Washing Buffer	No specific data.
	Oligo (dT) Microparticles	No specific data.
	RNA Seq Bead Binding Buffer	No specific data.
	RNA Seq Bead Elution Buffer	No specific data.
<b>Incompatible materials</b>	<b>:</b> Nuclease Free Water	May react or be incompatible with oxidising materials.
	RNA Seq Bead Washing Buffer	May react or be incompatible with oxidising materials.
	Oligo (dT) Microparticles	May react or be incompatible with oxidising materials.
	RNA Seq Bead Binding Buffer	May react or be incompatible with oxidising materials.
	RNA Seq Bead Elution Buffer	May react or be incompatible with oxidising materials.
<b>Hazardous decomposition products</b>	<b>:</b> Nuclease Free Water	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	RNA Seq Bead Washing Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Oligo (dT) Microparticles	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	RNA Seq Bead Binding Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	RNA Seq Bead Elution Buffer	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
<b>Oligo (dT) Microparticles</b> Lithium chloride	LC50 Inhalation Dusts and mists	Rat	>5.57 mg/l	4 hours
	LD50 Dermal	Rabbit	1629 mg/kg	-
	LD50 Dermal	Rat	1488 mg/kg	-
	LD50 Oral	Rat	526 mg/kg	-
<b>RNA Seq Bead Binding Buffer</b> Lithium chloride	LC50 Inhalation Dusts and mists	Rat	>5.57 mg/l	4 hours
	LD50 Dermal	Rabbit	1629 mg/kg	-
	LD50 Dermal	Rat	1488 mg/kg	-
	LD50 Oral	Rat	526 mg/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
<b>Oligo (dT) Microparticles</b> Lithium chloride	Eyes - Moderate irritant	Rabbit	-	24 hours 100 milligrams	-
	Skin - Severe irritant	Rabbit	-	24 hours 500 milligrams	-
<b>RNA Seq Bead Binding Buffer</b> Lithium chloride	Eyes - Moderate irritant	Rabbit	-	24 hours 100	-

## Section 11. Toxicological information

	Skin - Severe irritant	Rabbit	-	milligrams 24 hours 500 milligrams	-
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### 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)

Name	Category	Route of exposure	Target organs
<b>Øligo (dT) Microparticles</b> Lithium chloride	Category 3	Not applicable.	Respiratory tract irritation
<b>RNA Seq Bead Binding Buffer</b> Lithium chloride	Category 3	Not applicable.	Respiratory tract irritation

### Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
<b>Øligo (dT) Microparticles</b> Lithium chloride	Category 2	Not determined	cardiovascular system, central nervous system (CNS), kidneys and thyroid
<b>RNA Seq Bead Binding Buffer</b> Lithium chloride	Category 2	Not determined	cardiovascular system, central nervous system (CNS), kidneys and thyroid

### Aspiration hazard

Not available.

**Information on likely routes of exposure** :

- ☑ Nuclease Free Water RNA Seq Bead Washing Buffer : Not available.
- Øligo (dT) Microparticles RNA Seq Bead Binding Buffer : Routes of entry anticipated: Oral, Dermal, Inhalation.
- RNA Seq Bead Elution Buffer : Not available.

### Potential acute health effects

## Section 11. Toxicological information

<b>Eye contact</b>	:	☑ Nuclease Free Water	No known significant effects or critical hazards.
		RNA Seq Bead Washing Buffer	No known significant effects or critical hazards.
		Oligo (dT) Microparticles	No known significant effects or critical hazards.
		RNA Seq Bead Binding Buffer	No known significant effects or critical hazards.
		RNA Seq Bead Elution Buffer	No known significant effects or critical hazards.
<b>Inhalation</b>	:	☑ Nuclease Free Water	No known significant effects or critical hazards.
		RNA Seq Bead Washing Buffer	No known significant effects or critical hazards.
		Oligo (dT) Microparticles	No known significant effects or critical hazards.
		RNA Seq Bead Binding Buffer	No known significant effects or critical hazards.
		RNA Seq Bead Elution Buffer	No known significant effects or critical hazards.
<b>Skin contact</b>	:	☑ Nuclease Free Water	No known significant effects or critical hazards.
		RNA Seq Bead Washing Buffer	No known significant effects or critical hazards.
		Oligo (dT) Microparticles	No known significant effects or critical hazards.
		RNA Seq Bead Binding Buffer	No known significant effects or critical hazards.
		RNA Seq Bead Elution Buffer	No known significant effects or critical hazards.
<b>Ingestion</b>	:	☑ Nuclease Free Water	No known significant effects or critical hazards.
		RNA Seq Bead Washing Buffer	No known significant effects or critical hazards.
		Oligo (dT) Microparticles	No known significant effects or critical hazards.
		RNA Seq Bead Binding Buffer	No known significant effects or critical hazards.
		RNA Seq Bead Elution Buffer	No known significant effects or critical hazards.

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

<b>Eye contact</b>	:	☑ Nuclease Free Water	No specific data.
		RNA Seq Bead Washing Buffer	No specific data.
		Oligo (dT) Microparticles	No specific data.
		RNA Seq Bead Binding Buffer	No specific data.
		RNA Seq Bead Elution Buffer	No specific data.
<b>Inhalation</b>	:	☑ Nuclease Free Water	No specific data.
		RNA Seq Bead Washing Buffer	No specific data.
		Oligo (dT) Microparticles	No specific data.
		RNA Seq Bead Binding Buffer	No specific data.
		RNA Seq Bead Elution Buffer	No specific data.
<b>Skin contact</b>	:	☑ Nuclease Free Water	No specific data.
		RNA Seq Bead Washing Buffer	No specific data.
		Oligo (dT) Microparticles	No specific data.
		RNA Seq Bead Binding Buffer	No specific data.
		RNA Seq Bead Elution Buffer	No specific data.
<b>Ingestion</b>	:	☑ Nuclease Free Water	No specific data.
		RNA Seq Bead Washing Buffer	No specific data.
		Oligo (dT) Microparticles	No specific data.
		RNA Seq Bead Binding Buffer	No specific data.
		RNA Seq Bead Elution Buffer	No specific data.

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

## Section 11. Toxicological information

### 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>	:	☑ Nuclease Free Water	No known significant effects or critical hazards.
		RNA Seq Bead Washing Buffer	No known significant effects or critical hazards.
		Oligo (dT) Microparticles	No known significant effects or critical hazards.
		RNA Seq Bead Binding Buffer	No known significant effects or critical hazards.
		RNA Seq Bead Elution Buffer	No known significant effects or critical hazards.
<b>Carcinogenicity</b>	:	☑ Nuclease Free Water	No known significant effects or critical hazards.
		RNA Seq Bead Washing Buffer	No known significant effects or critical hazards.
		Oligo (dT) Microparticles	No known significant effects or critical hazards.
		RNA Seq Bead Binding Buffer	No known significant effects or critical hazards.
		RNA Seq Bead Elution Buffer	No known significant effects or critical hazards.
<b>Mutagenicity</b>	:	☑ Nuclease Free Water	No known significant effects or critical hazards.
		RNA Seq Bead Washing Buffer	No known significant effects or critical hazards.
		Oligo (dT) Microparticles	No known significant effects or critical hazards.
		RNA Seq Bead Binding Buffer	No known significant effects or critical hazards.
		RNA Seq Bead Elution Buffer	No known significant effects or critical hazards.
<b>Teratogenicity</b>	:	☑ Nuclease Free Water	No known significant effects or critical hazards.
		RNA Seq Bead Washing Buffer	No known significant effects or critical hazards.
		Oligo (dT) Microparticles	No known significant effects or critical hazards.
		RNA Seq Bead Binding Buffer	No known significant effects or critical hazards.
		RNA Seq Bead Elution Buffer	No known significant effects or critical hazards.
<b>Developmental effects</b>	:	☑ Nuclease Free Water	No known significant effects or critical hazards.
		RNA Seq Bead Washing Buffer	No known significant effects or critical hazards.
		Oligo (dT) Microparticles	No known significant effects or critical hazards.
		RNA Seq Bead Binding Buffer	No known significant effects or critical hazards.
		RNA Seq Bead Elution Buffer	No known significant effects or critical hazards.
<b>Fertility effects</b>	:	☑ Nuclease Free Water	No known significant effects or critical hazards.
		RNA Seq Bead Washing Buffer	No known significant effects or critical hazards.
		Oligo (dT) Microparticles	No known significant effects or critical hazards.
		RNA Seq Bead Binding Buffer	No known significant effects or critical hazards.
		RNA Seq Bead Elution Buffer	No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

## Section 11. Toxicological information

Route	ATE value
<b>Oligo (dT) Microparticles</b> Oral Dermal	12232.6 mg/kg 34604.7 mg/kg
<b>RNA Seq Bead Binding Buffer</b> Oral Dermal	12232.6 mg/kg 34604.7 mg/kg

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
<input checked="" type="checkbox"/> <b>Oligo (dT) Microparticles</b> Lithium chloride	Acute EC50 112 mg/l Fresh water Acute EC50 249 mg/l Fresh water Acute LC50 17000 µg/l Fresh water	Algae Daphnia Fish - Ptychocheilus lucius - Swim-up	72 hours 48 hours 96 hours
	Acute NOEC 25 mg/l Fresh water Acute NOEC 63.4 mg/l Fresh water Acute NOEC 59.4 mg/l Fresh water	Algae Daphnia Fish	72 hours 48 hours 96 hours
<b>RNA Seq Bead Binding Buffer</b> Lithium chloride	Acute EC50 112 mg/l Fresh water Acute EC50 249 mg/l Fresh water Acute LC50 17000 µg/l Fresh water	Algae Daphnia Fish - Ptychocheilus lucius - Swim-up	72 hours 48 hours 96 hours
	Acute NOEC 25 mg/l Fresh water Acute NOEC 63.4 mg/l Fresh water Acute NOEC 59.4 mg/l Fresh water	Algae Daphnia Fish	72 hours 48 hours 96 hours

### Persistence and degradability

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
<input checked="" type="checkbox"/> <b>Nuclease Free Water</b> Water	-	-	Readily
<b>Oligo (dT) Microparticles</b> Lithium chloride	-	-	Readily
<b>RNA Seq Bead Binding Buffer</b> Lithium chloride	-	-	Readily

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
<input checked="" type="checkbox"/> <b>Nuclease Free Water</b> Water	-1.38	-	low

### 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. 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 Annex II of Marpol and the IBC Code** : Not available.

## Section 15. Regulatory information

### Standard Uniform Schedule of Medicine and Poisons

Not regulated.

### 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 (Annexes A, B, C, E)

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>Malaysia</b>	: Not determined.
<b>New Zealand</b>	: Not determined.
<b>Philippines</b>	: Not determined.
<b>Republic of Korea</b>	: Not determined.



## Section 15. Regulatory information

Taiwan : Not determined.  
 Thailand :  Not determined.  
 Turkey : Not determined.  
 United States : Not determined.  
 Viet Nam :  Not determined.

## Section 16. Any other relevant information

### History

Date of issue/Date of revision : 14/02/2018

Date of previous issue : 15/07/2016

Version : 3

### Key to abbreviations

: ADG = Australian Dangerous Goods  
 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)  
 NOHSC = National Occupational Health and Safety Commission  
 SUSMP = Standard Uniform Schedule of Medicine and Poisons  
 UN = United Nations

### Procedure used to derive the classification

Classification	Justification
Not classified.	

References : Not available.

Indicates information that has changed from previously issued version.

### Notice to reader

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