

# SAFETY DATA SHEET

United States

Section 1. Identification Product name

## Thermo Sequenase<sup>™</sup>/TAP; part of 'Thermo Sequenase DNA Polymerase (with TAP) kit, 1000 units'

**Catalogue Number** 

Other means of identification Not available.

Liquid.

E79000Y

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

#### Identified uses

Product type

Analytical chemistry. Laboratory chemicals Scientific research and development

Industrial applications: Analytical chemistry. Laboratory use. Scientific research and development.

#### Supplier

Cytiva Amersham Place Little Chalfont Buckinghamshire HP7 9NA United Kingdom +44 0800 515 313

Cytiva USA 100 Results Way Marlborough, MÁ 01752 1-800-526-3593

In case of emergency

INFOTRAC - 24 Hour number: 1-800-535-5053 Outside of the United States, call 24 Hour number: 001-352-323-3500 (Call Collect)

## Section 2. Hazards identification

OSHA/HCS status	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).			
Classification of the substance or mixture	AQUATIC HAZARD (LONG-TERM) - Category 3			
	Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 50%			
GHS label elements				
Signal word	No signal word.			
Hazard statements	Harmful to aquatic life with long lasting effects.			
Precautionary statements				
Prevention	Avoid release to the environment.			
Response	Not applicable.			
Storage	Not applicable.			
Disposal	Dispose of contents and container in accordance with all local, regional, national and international regulations.			
Hazards not otherwise classified	None known.			



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## Section 3. Composition/information on ingredients

Substance/mixture Other means of identification	Mixture Not available.		
CAS number/other identifiers CAS number	Not applicable.		
Ingredient name Nonylphenol, ethoxylated		<b>%</b> 0.55	<b>CAS number</b> 9016-45-9

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

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified 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 ai	d measures			
Eye contact	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.			
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing.			
Skin contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get			
Ingestion	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.			
Most important symptoms/effect	ts, acute and delayed			
Potential acute health effects				
Eye contact	No known significant effects or critical hazards.			
Inhalation	No known significant effects or critical hazards.			
Skin contact	No known significant effects or critical hazards.			
Ingestion	No known significant effects or critical hazards.			
Over-exposure signs/symptom	<u>s</u>			
Eye contact	No specific data.			
Inhalation	No specific data.			
Skin contact	No specific data.			
Ingestion	No specific data.			
Indication of immediate medical	attention and special treatment needed, if necessary			
Notes to physician	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.			
Specific treatments	No specific treatment.			
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training.			
See toxicological information (S	ection 11)			
Section 5. Fire-fighting n	neasures			
Extinguishing media				
Suitable extinguishing media	Use an extinguishing agent suitable for the surrounding fire.			
Unsuitable extinguishing media	None known.			
Specific hazards arising from the chemical	In a fire or if heated, a pressure increase will occur and the container may burst. 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.			
Hazardous thermal decomposition products	Decomposition products may include the following materials: carbon dioxide			

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus

No action shall be taken involving any personal risk or without suitable training.

(SCBA) with a full face-piece operated in positive pressure mode.

Special protective actions for fire-fighters

Special protective equipment for fire-fighters

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carbon monoxide

#### Section 6. Accidental release measures

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

For non-emergency personnel	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
For emergency responders	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.
Methods and materials for contai	nment and cleaning up
Small spill	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.
Large spill	Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

Protective measures	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	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	Do not store above the following temperature: -20°C (-4°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

#### Control parameters

Occupational exposure limits Nonylphenol, ethoxylated	None.
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. 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. I	Physical	and ch	nemical	properties
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<u>Appearance</u>							
Physical state	Liquid.						
Color	Colorless.						
Odor	Odorless.						
Odor threshold	Not available.						
рН	Not available.						
Melting point/freezing point	Not available.						
Boiling point, initial boiling point, and boiling range	Not available.						
Flash point	[Product does not	sustain com	bustion.]				
			Closed	cup		Oper	n cup
	Ingredient name	°C	°F	Method	°C	°F	Method
	glycerol	Ū	•	Method	177	350.6	Method
	giyeeror				177	000.0	
Burning time	Not applicable.						
Burning rate	Not applicable.						
Evaporation rate	Not available.						
Flammability Lower and upper explosive	Non-flammable in static discharge, h combustible mater Not available.	eat, shocks a	and mechani	cal impacts, ox	idizing mater	ials, reduc	
(flammable) limits							
vapor pressure	Not available.						
vapor pressure	Not available.	Va	apor Pressu	ire at 20°C	V	apor pres	sure at 50°C
vapor pressure			-			• •	
vapor pressure	Not available. Ingredient name water	Va mm Hg 23.8	apor Pressu kPa 3.2	re at 20°C Method	Va mm Hg	apor pres kPa	sure at 50°C Method
vapor pressure	Ingredient name water	<b>mm Hg</b> 23.8	<b>kPa</b> 3.2		mm Hg	kPa	
vapor pressure	Ingredient name	mm Hg	kPa			• •	
	Ingredient name water	<b>mm Hg</b> 23.8	<b>kPa</b> 3.2		mm Hg	kPa	
Relative vapor density	Ingredient name water glycerol	<b>mm Hg</b> 23.8	<b>kPa</b> 3.2		mm Hg	kPa	
Relative vapor density Relative density	Ingredient name water glycerol Not available.	<b>mm Hg</b> 23.8	<b>kPa</b> 3.2		mm Hg	kPa	
Relative vapor density Relative density	Ingredient name water glycerol Not available.	<b>mm Hg</b> 23.8 0	<b>kPa</b> 3.2		mm Hg	kPa	
Relative vapor density Relative density	Ingredient name water glycerol Not available. Not available.	<b>mm Hg</b> 23.8 0 E	kPa 3.2 0 Result asily soluble	Method	mm Hg	kPa	
Relative vapor density Relative density	Ingredient name water glycerol Not available. Not available. Media	<b>mm Hg</b> 23.8 0 E	kPa 3.2 0 Result	Method	mm Hg	kPa	
Relative vapor density Relative density Solubility(ies)	Ingredient name water glycerol Not available. Not available. Media cold water	<b>mm Hg</b> 23.8 0 E	kPa 3.2 0 Result asily soluble	Method	mm Hg	kPa	
Relative vapor density Relative density Solubility(ies) Solubility in water	Ingredient name water glycerol Not available. Not available. <b>Media</b> cold water hot water	<b>mm Hg</b> 23.8 0 E	kPa 3.2 0 Result asily soluble	Method	mm Hg	kPa	
Relative vapor density Relative density Solubility(ies) Solubility in water Miscible with water Partition coefficient: n-octand	Ingredient name water glycerol Not available. Not available. Media cold water hot water Not available. Yes.	<b>mm Hg</b> 23.8 0 E	kPa 3.2 0 Result asily soluble	Method	mm Hg	kPa	
Relative vapor density Relative density Solubility(ies) Solubility in water Miscible with water Partition coefficient: n-octand water	Ingredient name water glycerol Not available. Not available. Media cold water hot water Not available. Yes.	<b>mm Hg</b> 23.8 0 E	kPa 3.2 0 Result asily soluble	Method	mm Hg	kPa	
Relative vapor density Relative density Solubility(ies) Solubility in water Miscible with water Partition coefficient: n-octand water	Ingredient name water glycerol Not available. Not available. Media cold water hot water Not available. Yes. D/ Not applicable. Not available.	<b>mm Hg</b> 23.8 0 E	kPa 3.2 0 Result asily soluble	Method	mm Hg	kPa	
Vapor pressure Relative vapor density Relative density Solubility(ies) Solubility(ies) Miscible with water Partition coefficient: n-octand water Auto-ignition temperature	Ingredient name water glycerol Not available. Not available. Media cold water hot water Not available. Yes. D/ Not applicable.	<b>mm Hg</b> 23.8 0 E	kPa 3.2 0 Result asily soluble asily soluble	Method	mm Hg	<b>kPa</b> 0	
Relative vapor density Relative density Solubility(ies) Solubility in water Miscible with water Partition coefficient: n-octand water Auto-ignition temperature	Ingredient name water glycerol Not available. Not available. Media cold water hot water Not available. Yes. D/ Not applicable. Not available. Ingredient name glycerol	<b>mm Hg</b> 23.8 0 E	kPa 3.2 0 Result asily soluble asily soluble	Method •	mm Hg	<b>kPa</b> 0	
Relative vapor density Relative density Solubility(ies) Solubility in water Miscible with water Partition coefficient: n-octand water Auto-ignition temperature Decomposition temperature	Ingredient name water glycerol Not available. Not available. Media cold water hot water Not available. Yes. DI/ Not applicable. Ingredient name glycerol Not available.	<b>mm Hg</b> 23.8 0 E	kPa 3.2 0 Result asily soluble asily soluble	Method •	mm Hg	<b>kPa</b> 0	
Relative vapor density Relative density Solubility(ies) Solubility in water Miscible with water Partition coefficient: n-octand water Auto-ignition temperature Decomposition temperature SADT	Ingredient name water glycerol Not available. Not available. Media cold water hot water Not available. Yes. DI/ Not applicable. Ingredient name glycerol Not available. Not available. Not available.	<b>mm Hg</b> 23.8 0 E	kPa 3.2 0 Result asily soluble asily soluble	Method •	mm Hg	<b>kPa</b> 0	
Relative vapor density Relative density Solubility(ies) Solubility in water Miscible with water Partition coefficient: n-octand water Auto-ignition temperature Decomposition temperature SADT Viscosity	Ingredient name water glycerol Not available. Not available. Media cold water hot water Not available. Yes. DI/ Not applicable. Ingredient name glycerol Not available. Not available. Not available. Not available. Not available. Not available. Not available.	<b>mm Hg</b> 23.8 0 E	kPa 3.2 0 Result asily soluble asily soluble	Method F	mm Hg	<b>kPa</b> 0	
Relative vapor density Relative density Solubility(ies) Solubility in water Miscible with water Partition coefficient: n-octand water Auto-ignition temperature Decomposition temperature SADT Viscosity Flow time (ISO 2431)	Ingredient name water glycerol Not available. Not available. Media cold water hot water Not available. Yes. DI/ Not applicable. Ingredient name glycerol Not available. Not available. Not available.	<b>mm Hg</b> 23.8 0 E	kPa 3.2 0 Result asily soluble asily soluble	Method F	mm Hg	<b>kPa</b> 0	
Relative vapor density Relative density Solubility(ies) Solubility in water Miscible with water Partition coefficient: n-octand water Auto-ignition temperature Decomposition temperature SADT Viscosity	Ingredient name water glycerol Not available. Not available. Media cold water hot water Not available. Yes. DI/ Not applicable. Ingredient name glycerol Not available. Not available. Not available. Not available. Not available. Not available. Not available.	<b>mm Hg</b> 23.8 0 E	kPa 3.2 0 Result asily soluble asily soluble	Method F	mm Hg	<b>kPa</b> 0	

Article Number :

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## Section 10. Stability and reactivity

Reactivity Chemical stability Possibility of hazardous	No specific test data related to reactivity available for this product or its ingredients. The product is stable. Under normal conditions of storage and use, hazardous reactions will not occur.
reactions Conditions to avoid Incompatible materials	No specific data. No specific data.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

## Information on toxicological effects

Acute toxicity

Not available.

Irritation/Corrosion	
Product/ingredient name	

In that for the store store					
Product/ingredient name	Result	Species	Score	Exposure	Observation
Nonylphenol, ethoxylated	Eyes - Severe irritant	Guinea pig	-	20 mg	-
	Eyes - Severe irritant	Mouse	-	20 mg	-
	Eyes - Severe irritant	Rabbit	-	20 mg	-
	Skin - Mild irritant	Human	-	72 hours 15 mg l	-
	Skin - Mild irritant	Rabbit	-	500 mg	-
<u>Sensitization</u>				-	
Not available.					
Mutagonioity					
Mutagenicity Not available.					
Not available.					
<b>Carcinogenicity</b>					
Not available.					
Reproductive toxicity					
Not available.					
<u>Teratogenicity</u>					
Not available.					
Specific target organ toxicity (s	ingle exposure)				
Not available.	<u> </u>				
<u>Specific target organ toxicity (r</u>	epeated exposure)				
Not available.					
Aspiration hazard					
Not available.					
Information on the likely routes	Routes of entry anticipated: Ora	I, Dermal, Inhalat	ion.		
of exposure					
Potential acute health effects					
Eye contact	No known significant effects or o	critical hazards.			
Inhalation	No known significant effects or o				
Skin contact	No known significant effects or o				
Ingestion	No known significant effects or o				
Symptoms related to the physica	-				
Eye contact	No specific data.	<u></u>			
Inhalation	No specific data.				
Skin contact	No specific data.				
Ingestion	No specific data.				
•		ant and I (			
Delayed and immediate effects a	nd also chronic effects from sh	ort and long teri	<u>m exposure</u>		
<u>Short term exposure</u>					
Potential immediate effects	Not available.				

Potential delayed effects Not available.



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units'						
Long term exposure						
Potential immediate effects	Not available.					
Potential delayed effects	Not available.					
Potential chronic health effects						
Not available.						
General	No known significant eff	fects or critical haz	zards.			
Carcinogenicity	No known significant effects or critical hazards.					
Mutagenicity	No known significant effects or critical hazards.					
Reproductive toxicity	No known significant eff	fects or critical haz	zards.			
Numerical measures of toxicity						
Acute toxicity estimates						
Product/ingredient name		Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg I)
Nonylphenol, ethoxylated		500	1100	N/A	N/A	N/A
Section 12. Ecological in	formation					
Toxicity	lonnation					
Product/ingredient name	Result		Species			Exposure
Nonylphenol, ethoxylated	Acute LC50 1.23 mg/l M Acute LC50 0.148 mg/l Acute LC50 1300 µg/l F Chronic NOEC 35 µg/l	Fresh water Fresh water	Daphnia - Daphnia magna - Neonate 48 hou Fish - Lepomis macrochirus 96 hou		48 hours 48 hours 96 hours 100 days	
<b>Persistence and degradability</b> Not available. <b>Bioaccumulative potential</b> Not available.						
<u>Mobility in soil</u>						
Soil/water partition coefficient (K oc)	Not available.					
Other adverse effects	No known significant effects or critical hazards.					
Section 13. Disposal con	siderations					
Disposal methods	The generation of waste product, solutions and a environmental protectio requirements. Dispose contractor. Waste shou requirements of all auth or landfill should only be must be disposed of in a have not been cleaned	any by-products sh n and waste dispo of surplus and no ald not be dispose orities with jurisdic e considered wher a safe way. Care	nould at all tir sal legislatic n-recyclable d of untreate ction. Waste n recycling is should be ta	mes comply with on and any regior products via a lid d to the sewer un packaging shou not feasible. Th ken when handli	the requiremen nal local authori censed waste d nless fully comp ild be recycled. is material and ng emptied con	ts of ty isposal liant with the Incineration its container tainers that

Product is not regulated as dangerous goods for transport.

## Section 15. Regulatory information

 U.S. Federal regulations
 TSCA 5(a)2 proposed significant new use rules: Nonylphenol, ethoxylated

 TSCA 8(a) PAIR: Nonylphenol, ethoxylated

 TSCA 8(a) CDR Exempt/Partial exemption: Not determined

Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs)	Not listed
Clean Air Act Section 602 Class I Substances	Not listed
Clean Air Act Section 602 Class II Substances	Not listed
DEA List I Chemicals (Precursor Chemicals)	Not listed
DEA List II Chemicals (Essential Chemicals)	Not listed

## SARA 302/304

Composition/information on ingredients



SARA 304 RQ	Not applicable.
<u>SARA 311/312</u>	
Classification	Not applicable.
Composition/information on ing	gredients
No products were found.	
State regulations	
Massachusetts	The following components are listed: GLYCERINE MIST
New York	None of the components are listed.
New Jersey	The following components are listed: GLYCERIN; 1,2,3-PROPANETRIOL
Pennsylvania	The following components are listed: 1,2,3-PROPANETRIOL
<u>California Prop. 65</u>	
	e a Safe Harbor warning under California Prop. 65.
International regulations	
· · · · ·	List Schedules I, II & III Chemicals
Not listed.	
Montreal Protocol	
Not listed.	
Stockholm Convention on Pers	istent Organic Pollutants
Not listed.	
Rotterdam Convention on Prior	r Informed Consent (PIC)
Not listed.	
UNECE Aarhus Protocol on PO	Ps and Heavy Metals
Not listed.	
Inventory list	
United States	Not determined.
Canada inventory	Not determined.
Section 16. Other inform	
Section 16. Other inform National Fire Protection Associa	
	tion (U.S.A.)
	tion (U.S.A.) Flammability
	tion (U.S.A.) Flammability
	tion (U.S.A.) Flammability
National Fire Protection Associa	tion (U.S.A.) Health Flammability Instability/Reactivity Special hazards
National Fire Protection Associa	tion (U.S.A.) Health Flammability Health Special hazards
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National Fire Protection Associat Procedure used to derive the cla Classif AQUATIC HAZARD (LONG-TERI History Date of printing Date of issue/Date of revision Date of previous issue Version	tion (U.S.A.) Flammability Health Flammability/Reactivity Special hazards Ssification fication Justification M) - Category 3 Calculation method 2/2/2023 2/2/2023 10/13/2022 11.03 sds_author@cytiva.com
National Fire Protection Associat Procedure used to derive the cla Classif AQUATIC HAZARD (LONG-TER) History Date of printing Date of printing Date of previous issue	tion (U.S.A.) Flammability Health J Special hazards ssification fication Justification M) - Category 3 Calculation method 2/2/2023 2/2/2023 10/13/2022 11.03 sds_author@cytiva.com ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor
National Fire Protection Associat Procedure used to derive the cla Classif AQUATIC HAZARD (LONG-TERI History Date of printing Date of issue/Date of revision Date of previous issue Version	tion (U.S.A.) Flammability Health J Instability/Reactivity Special hazards ssification fication Justification M) - Category 3 Calculation method 2/2/2023 2/2/2023 10/13/2022 11.03 sds_author@cytiva.com ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals
National Fire Protection Associat Procedure used to derive the cla Classif AQUATIC HAZARD (LONG-TERI History Date of printing Date of issue/Date of revision Date of previous issue Version	tion (U.S.A.) Flammability Health J Special hazards ssification fication Justification M) - Category 3 Calculation method 2/2/2023 2/2/2023 10/13/2022 11.03 sds_author@cytiva.com ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor
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National Fire Protection Associat Procedure used to derive the cla Classif AQUATIC HAZARD (LONG-TER) History Date of printing Date of issue/Date of revision Date of previous issue Version	tion (U.S.A.) Flammability Health Flammability/Reactivity Special hazards ssification fication Justification M) - Category 3 Calculation method 2/2/2023 2/2/2023 2/2/2023 10/13/2022 11.03 sds_author@cytiva.com ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient
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References	Not available.

Indicates information that has changed from previously issued version.

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