Kit Name: AdvanceBio N-Glycanase (PNGase F), >2.5 U/mL

Kit PN: GKE-5006B, GKE-5006B-1

This product is a multi-level kit, composed of the following modules and individual chemical components:

Kit Components

Kit Component Part Number	Kit Component Name	Kit Component Part Number	Kit Component Name	Qty in GKE-5006B	Qty in GKE-5006B-1
		WS0010	5X N-Glycanase Buffer, 1 ml	1 Vial	5 Vials
	N. Channes	WS0012	Denaturation Solution, 500 μl	1 Vial	5 Vials
WS0401	N-Glycanase Reagent Set	WS0013	Detergent Solution, 200 µl	1 Vial	5 Vials 5 Vials 5 Vials 5 Vials
		WS0145	5X N-Glycanase Tris Reaction Buffer, 1 ml	1 Vial	5 Vials
GKE-5006B	AdvanceBio N-Gly	canase (PNGase F), 2	≥2.5 U/ml, 200 mU	1 Vial	5 Vials

SDSs for each component follow this cover sheet.

Transportation Information for the Kit:

Proper Shipping Names:

TA/ICAO China
Not Regulated





Revision Date: 01/25/2022 Issue Date: 01/25/2022

1 Identification

- Product identifier
- · Product name: AdvanceBio N-Glycanase (PNGase F), >2.5 U/mL
- · Product Code: GKE-5006A, GKE-5006B, GKE-5006D
- · Application of the substance / the mixture Reagents and Standards for Analytical Chemical Laboratory Use
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier: Agilent Technologies, Inc. 5301 Stevens Creek Blvd Santa Clara, CA 95051, USA
- Email: pdl-msds_author@agilent.com • Phone number: 800-227-9770
- · Emergency telephone number: CHEMTREC®: 1-800-424-9300

2 Hazard identification

· Classification of the substance or mixture

The product is not classified, according to the Globally Harmonized System (GHS).

- Label elements
- · GHS label elements Void
- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements Void

3 Composition/Information on ingredients

- Chemical characterization: Mixtures
- Description: Mixture of the substances listed below with nonhazardous additions.
- Dangerous components: Void

4 First-aid measures

- Description of first aid measures
- · General information: No special measures required.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- · After skin contact: Generally the product does not irritate the skin.
- After eye contact: Rinse opened eye for several minutes under running water.
- · After swallowing: If symptoms persist consult doctor.
- Information for doctor:
- · Most important symptoms and effects, both acute and delayed No further relevant information available.
- · Indication of any immediate medical attention and special treatment needed No further relevant information available.

— CAN

(Contd. on page 2)

Revision Date: 01/25/2022 Issue Date: 01/25/2022

Product name: AdvanceBio N-Glycanase (PNGase F), >2.5 U/mL

(Contd. of page 1)

5 Fire-fighting measures

- Extinguishing media
- Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- Special hazards arising from the substance or mixture No further relevant information available.
- Advice for firefighters
- · Protective equipment: No special measures required.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures

Wear protective gloves / eye protection / face protection.

- · Environmental precautions: Dilute with plenty of water.
- Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

- · Handling:
- · Precautions for safe handling Wear protective gloves / eye protection / face protection.
- · Information about protection against explosions and fires: No special measures required.
- · Conditions for safe storage, including any incompatibilities
- Storage:
- · Requirements to be met by storerooms and receptacles: No special requirements.
- Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: None.
- · Specific end use(s) No further relevant information available.

8 Exposure controls/ Personal protection

- Additional information about design of technical systems: No further data; see item 7.
- · Control parameters
- * Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- Additional information: The lists that were valid during the creation were used as basis.
- Exposure controls
- Personal protective equipment:
- · General protective and hygienic measures: The usual precautionary measures for handling chemicals should be followed.
- Breathing equipment: Not required.
- · Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves Wear suitable gloves.

(Contd. on page 3)

Revision Date: 01/25/2022 Issue Date: 01/25/2022

Product name: AdvanceBio N-Glycanase (PNGase F), >2.5 U/mL

(Contd. of page 2)

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection: Wear eye protection / face protection.

Physical and chemical prope	erties		
· Information on basic physical and chemical properties · General Information			
· Appearance:			
Form:	Liquid		
Color: · Odor:	Colorless Characteristic		
· Odor threshold:	Not determined.		
· pH-value at 20 °C:	7.5		
· Change in condition			
Melting point/Melting range:	0 °C		
Boiling point/Boiling range:	100 °C		
· Flash point:	Not applicable.		
· Flammability (solid, gaseous):	Not applicable.		
Decomposition temperature:	Not determined.		
· Auto igniting:	Product is not selfigniting.		
Danger of explosion:	Product does not present an explosion hazard.		
· Explosion limits:			
Lower:	Not determined.		
Upper:	Not determined.		
· Vapor pressure at 20 °C:	23 hPa		
Density at 20 °C:	1 g/cm³		
· Relative density	Not determined.		
· Vapor density	Not determined.		
· Evaporation rate	Not determined.		
Solubility in / Miscibility with			
Water:	Fully miscible.		
Partition coefficient (n-octanol/wat	ter): Not determined.		
· Viscosity:			
Dynamic at 20 °C:	0.952 mPas		
Kinematic:	Not determined.		
· Solvent content:			
Water:	99.3 %		
Solids content:	0.3 %		
· Other information	No further relevant information available.		

(Contd. on page 4)

Revision Date: 01/25/2022 Issue Date: 01/25/2022

Product name: AdvanceBio N-Glycanase (PNGase F), >2.5 U/mL

(Contd. of page 3)

10 Stability and reactivity

- · **Reactivity** No further relevant information available.
- · Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions No dangerous reactions known.
- Conditions to avoid No further relevant information available.
- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

- Information on toxicological effects
- Acute toxicity:
- · Primary irritant effect:
- · on the skin: May be harmful in contact with skin.
- · on the eye: No irritating effect.
- · Sensitization: No sensitizing effects known.
- Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- Carcinogenic categories
- · IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

· NTP (National Toxicology Program)

None of the ingredients is listed.

12 Ecological information

- ·Toxicity
- · Aquatic toxicity: No further relevant information available.
- Persistence and degradability No further relevant information available.
- · Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.
- Additional ecological information:
- · General notes: Not hazardous for water.
- Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · **vPvB:** Not applicable.
- Other adverse effects No further relevant information available.

CAN

Revision Date: 01/25/2022 Issue Date: 01/25/2022

Product name: AdvanceBio N-Glycanase (PNGase F), >2.5 U/mL

(Contd. of page 4)

13 Disposal considerations

- · Waste treatment methods
- · **Recommendation:** Dispose of contents/container in accordance with local/regional/national/international regulations.
- Uncleaned packagings:
- · Recommendation: Disposal must be made according to official regulations.
- · Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information	
· UN-Number · DOT/TDG, ADR, ADN, IMDG, IATA	not regulated
· UN proper shipping name · DOT/TDG, ADR, ADN, IMDG, IATA	not regulated
· Transport hazard class(es)	
· DOT, ADR, ADN, IMDG, IATA · Class	not regulated
· Packing group · DOT/TDG, ADR, IMDG, IATA	not regulated
· Environmental hazards:	Not applicable.
Special precautions for user	Not applicable.
Transport in bulk according to Annex MARPOL73/78 and the IBC Code	II of Not applicable.
· UN "Model Regulation":	not regulated

15 Regulatory information

- · Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.
- Sara

· Sara		
· Section 35	5 (extremely hazardous substances):	
None of the	e ingredients is listed.	
· Section 31	3 (Specific toxic chemical listings):	
None of the	e ingredients is listed.	
· TSCA (To)	cic Substances Control Act):	
7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE
77-86-1	trometamol	ACTIVE
7647-14-5	sodium chloride	ACTIVE
60-00-4	edetic acid	ACTIVE
	(Contd	on page 6)

___ СА

Revision Date: 01/25/2022 Issue Date: 01/25/2022

Product name: AdvanceBio N-Glycanase (PNGase F), >2.5 U/mL

(Contd. of page 5)

٠	Canadian	substance	listings:

· Canadian Domestic Su	ibstances List (DSL)
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7732-18-5 water, distilled, conductivity or of similar purity

77-86-1 trometamol

7647-14-5 sodium chloride

60-00-4 edetic acid

· Canadian Non-Domestic Substances List (NDSL)

None of the ingredients is listed.

· Canadian Ingredient Disclosure list (limit 0.1%)

None of the ingredients is listed.

· Canadian Ingredient Disclosure list (limit 1%)

None of the ingredients is listed.

- · GHS label elements Void
- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements Void
- Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

The information contained in this document is based on Agilent's state of knowledge at the time of preparation. No warranty as to its accurateness, completeness or suitability for a particular purpose is expressed or implied.

CAN -





Revision Date: 01/25/2022 Issue Date: 01/25/2022

1 Identification

Product identifier

Product name: 5x N-Glycanase Reaction Buffer

· Product Code: WS0010

· Application of the substance / the mixture Reagents and Standards for Analytical Chemical Laboratory Use

Details of the supplier of the safety data sheet

Manufacturer/Supplier: Agilent Technologies, Inc. 5301 Stevens Creek Blvd Santa Clara, CA 95051, USA

Email: pdl-msds_author@agilent.com
Phone number: 800-227-9770

Emergency telephone number: CHEMTREC®: 1-800-424-9300

2 Hazard identification

· Classification of the substance or mixture

The product is not classified, according to the Globally Harmonized System (GHS).

- Label elements
- · GHS label elements Void
- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements Void

3 Composition/Information on ingredients

Chemical characterization: Mixtures

Description: Mixture of the substances listed below with nonhazardous additions.

Dangerous components: Void

4 First-aid measures

- Description of first aid measures
- · General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

No special measures required.

- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- · **After skin contact:** Generally the product does not irritate the skin.
- · After eye contact: Rinse opened eye for several minutes under running water.
- · After swallowing: Immediately call a doctor.
- Information for doctor:
- · Most important symptoms and effects, both acute and delayed No further relevant information available.

(Contd. on page 2)

Revision Date: 01/25/2022 Issue Date: 01/25/2022

Product name: 5x N-Glycanase Reaction Buffer

(Contd. of page 1)

· Indication of any immediate medical attention and special treatment needed No further relevant information available.

5 Fire-fighting measures

- · Extinguishing media
- Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- Special hazards arising from the substance or mixture No further relevant information available.
- Advice for firefighters
- · Protective equipment: No special measures required.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear protective gloves / eye protection / face protection.

- Environmental precautions: Dilute with plenty of water.
- Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

- Handling:
- Precautions for safe handling

Wear protective gloves / eye protection / face protection.

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

- Information about protection against explosions and fires: No special measures required.
- · Conditions for safe storage, including any incompatibilities
- · Storage:
- · Requirements to be met by storerooms and receptacles: No special requirements.
- Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: None.
- · Specific end use(s) No further relevant information available.

8 Exposure controls/ Personal protection

- Additional information about design of technical systems: No further data; see item 7.
- · Control parameters
- · Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· Additional information: The lists that were valid during the creation were used as basis.

(Contd. on page 3)

Revision Date: 01/25/2022 Issue Date: 01/25/2022

Product name: 5x N-Glycanase Reaction Buffer

(Contd. of page 2)

- · Exposure controls
- Personal protective equipment:
- General protective and hygienic measures: Keep away from foodstuffs, beverages and feed.
- Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- · Material of gloves Wear suitable gloves.
- Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection: Wear eye protection / face protection.

Information on basic physical and	chemical properties		
General Information			
Appearance:			
Form:	Liquid		
Color:	Colorless		
Odor:	Characteristic		
Odor threshold:	Not determined.		
pH-value at 20 °C:	7.5		
Change in condition			
Melting point/Melting range:	0 °C		
Boiling point/Boiling range:	100 °C		
Flash point:	Not applicable.		
Flammability (solid, gaseous):	Not applicable.		
Decomposition temperature:	Not determined.		
Auto igniting:	Product is not selfigniting.		
Danger of explosion:	Product does not present an explosion hazard.		
Explosion limits:			
Lower:	Not determined.		
Upper:	Not determined.		
Vapor pressure at 20 °C:	23 hPa		
Density at 20 °C:	1 g/cm ³		
Relative density	Not determined.		
Vapor density	Not determined.		
Evaporation rate	Not determined.		
Solubility in / Miscibility with			
Water:	Fully miscible.		

(Contd. on page 4)

Product name: 5x N-Glycanase Reaction Buffer

		(Contd. of page 3)
· Viscosity: Dynamic at 20 °C: Kinematic:	0.952 mPas Not determined.	
Solvent content: Water:	98.5 %	
Solids content:	0.2 %	
Other information	No further relevant information available.	

10 Stability and reactivity

- · Reactivity No further relevant information available.
- · Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · Possibility of hazardous reactions No dangerous reactions known.
- · Conditions to avoid No further relevant information available.
- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

- Information on toxicological effects
- Acute toxicity:

,		·9·		
· LD/LC5	· LD/LC50 values that are relevant for classification:			
26628-2	26628-22-8 sodium azide			
Oral	LD50	27 mg/kg (rat)		
Dermal	LD50	20 mg/kg (rabbit)		
	m to a section of a feet of			

- · Primary irritant effect:
- · on the skin: May be harmful in contact with skin.
- on the eye: No irritating effect.
- · Sensitization: No sensitizing effects known.
- · Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Harmful

Carcinogenic categories

· IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

· NTP (National Toxicology Program)

None of the ingredients is listed.

- CAI

(Contd. on page 5)

Revision Date: 01/25/2022 Issue Date: 01/25/2022

Product name: 5x N-Glycanase Reaction Buffer

(Contd. of page 4)

12 Ecological information

- · Toxicity
- · Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.
- · Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.
- · Additional ecological information:
- · General notes: Not hazardous for water.
- · Results of PBT and vPvB assessment
- PBT: Not applicable.vPvB: Not applicable.
- Other adverse effects No further relevant information available.

13 Disposal considerations

- · Waste treatment methods
- * Recommendation: Dispose of contents/container in accordance with local/regional/national/international regulations.
- Uncleaned packagings:
- · Recommendation: Disposal must be made according to official regulations.
- Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information	
· UN-Number · DOT/TDG, ADR, ADN, IMDG, IATA	not regulated
· UN proper shipping name · DOT/TDG, ADR, ADN, IMDG, IATA	not regulated
· Transport hazard class(es)	
· DOT, ADR, ADN, IMDG, IATA · Class	not regulated
Packing group DOT/TDG, ADR, IMDG, IATA	not regulated
· Environmental hazards:	Not applicable.
· Special precautions for user	Not applicable.
Transport in bulk according to Annex I MARPOL73/78 and the IBC Code	II of Not applicable.
UN "Model Regulation":	not regulated

(Contd. on page 6)

Revision Date: 01/25/2022 Issue Date: 01/25/2022

Product name: 5x N-Glycanase Reaction Buffer

(Contd. of page 5)

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.
- · Sara
- Section 355 (extremely hazardous substances):

26628-22-8 sodium azide

· Section 313 (Specific toxic chemical listings):

26628-22-8 sodium azide

- · TSCA (Toxic Substances Control Act):
- All components have the value ACTIVE.
- · Canadian substance listings:
- · Canadian Domestic Substances List (DSL)

All ingredients are listed.

· Canadian Non-Domestic Substances List (NDSL)

None of the ingredients is listed.

· Canadian Ingredient Disclosure list (limit 0.1%)

None of the ingredients is listed.

· Canadian Ingredient Disclosure list (limit 1%)

None of the ingredients is listed.

- · GHS label elements Void
- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements Void
- · Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

The information contained in this document is based on Agilent's state of knowledge at the time of preparation. No warranty as to its accurateness, completeness or suitability for a particular purpose is expressed or implied.

CAN -





Revision Date: 01/25/2022 Issue Date: 01/25/2022

1 Identification

Product identifier

Product name: Denaturation Solution

· Product Code: WS0012

· Application of the substance / the mixture Reagents and Standards for Analytical Chemical Laboratory Use

Details of the supplier of the safety data sheet

Manufacturer/Supplier: Agilent Technologies, Inc. 5301 Stevens Creek Blvd Santa Clara, CA 95051, USA

• **Email:** pdl-msds_author@agilent.com • **Phone number:** 800-227-9770

· Emergency telephone number: CHEMTREC®: 1-800-424-9300

2 Hazard identification

· Classification of the substance or mixture



GHS05 Corrosion

Skin Corrosion - Category 1B

H314 Causes severe skin burns and eye damage.

Serious Eye Damage - Category 1

H318 Causes serious eye damage.



GHS07

Acute Toxicity (Dermal) – Category 4 H312 Harmful in contact with skin.

Flammable Liquids - Category 4

H227 Combustible liquid.

- Label elements
- GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
- · Hazard pictograms





GHS05

GI 1307

- · Signal word Danger
- · Hazard-determining components of labeling:

2-mercaptoethanol sodium dodecyl sulphate

Hazard statements

Combustible liquid.

Harmful in contact with skin.

Causes severe skin burns and eye damage.

(Contd. on page 2)

(Contd. of page 1)

Safety Data Sheet according to HPR, Schedule 1

Product name: Denaturation Solution

· Precautionary statements

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not breathe dust/fume/gas/mist/vapours/spray.

Wash thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.

Specific measures (see on this label).

Wash contaminated clothing before reuse.

In case of fire: Use CO2, powder or water spray to extinguish.

Store in a well-ventilated place.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

3 Composition/Information on ingredients

- · Chemical characterization: Mixtures
- Description: Mixture of the substances listed below with nonhazardous additions.

	Dangerous components:		
Γ	60-24-2	2-mercaptoethanol	7.0% w/w
	151-21-3	sodium dodecyl sulphate	2.0% w/w

4 First-aid measures

- Description of first aid measures
- General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

- After inhalation: In case of unconsciousness place patient stably in side position for transportation.
- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing: If symptoms persist consult doctor.
- Information for doctor:
- · Most important symptoms and effects, both acute and delayed No further relevant information available.
- Indication of any immediate medical attention and special treatment needed No further relevant information available.

5 Fire-fighting measures

- Extinguishing media
- Suitable extinguishing agents:

CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards arising from the substance or mixture No further relevant information available.

(Contd. on page 3)

Product name: Denaturation Solution

(Contd. of page 2)

- Advice for firefighters
- · Protective equipment: No special measures required.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures

Wear protective gloves / eye protection / face protection.

• Environmental precautions:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

· Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

- · Handling:
- Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

- Information about protection against explosions and fires: No special measures required.
- · Conditions for safe storage, including any incompatibilities
- · Storage:
- · Requirements to be met by storerooms and receptacles: No special requirements.
- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: Keep receptacle tightly sealed.
- · Specific end use(s) No further relevant information available.

8 Exposure controls/ Personal protection

- Additional information about design of technical systems: No further data; see item 7.
- · Control parameters
- · Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- · Additional information: The lists that were valid during the creation were used as basis.
- Exposure controls
- Personal protective equipment:
- General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

(Contd. on page 4)

Revision Date: 01/25/2022 Issue Date: 01/25/2022

Product name: Denaturation Solution

(Contd. of page 3)

Avoid contact with the eyes and skin.

· Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- · Material of gloves Wear suitable gloves.
- Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection:



Tightly sealed goggles

9 Physical and chemical propertie	9 Physical	and chemical	properties
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Information on basic physical and General Information	chemical properties
Appearance:	
Form:	Liquid
Color:	Clear
Odor:	Unpleasant
Odor threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	100 °C
Flash point:	68 °C
Flammability (solid, gaseous):	Not applicable.
Decomposition temperature:	Not determined.
Auto igniting:	Product is not selfigniting.
Danger of explosion:	Not determined.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapor pressure at 20 °C:	23 hPa
Density at 20 °C:	1.0014 g/cm³
Relative density	Not determined.

(Contd. on page 5)

Revision Date: 01/25/2022 Issue Date: 01/25/2022

Product name: Denaturation Solution

		(Contd. of page 4)
· Evaporation rate	Not determined.	
· Solubility in / Miscibility with		
Water:	Fully miscible.	
Partition coefficient (n-octanol/	water): Not determined.	
· Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
· Solvent content:		
Water:	91.0 %	
Solids content:	0.0 %	
Other information	No further relevant information available.	

10 Stability and reactivity

- · Reactivity No further relevant information available.
- · Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · Possibility of hazardous reactions No dangerous reactions known.
- · Conditions to avoid No further relevant information available.
- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

- Information on toxicological effects
- Acute toxicity:

· LD/LC50 v	· LD/LC50 values that are relevant for classification:		
60-24-2 2-	60-24-2 2-mercaptoethanol		
Oral	LD50	190 mg/kg (mouse)	
Dermal	LD50	112-224 mg/kg (rabbit)	
Inhalative	LC50/4 h	2.05 mg/l (rat)	

- · Primary irritant effect:
- · on the skin: Irritant to skin and mucous membranes.
- on the eye: Irritating effect.
- · Sensitization: No sensitizing effects known.
- Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations: Harmful

Irritant

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

(Contd. on page 6)

Product name: Denaturation Solution

(Contd. of page 5)

· NTP (National Toxicology Program)

None of the ingredients is listed.

12 Ecological information

· Toxicity

Aquatic toxicity:

60-24-2 2-mercaptoethanol

EC50 48 Hr | 0.0004 g/L (daphnia magna)

ErC50 72 Hr | 19 mg/l (Desmodesmus subspicatus (green algae))

- Persistence and degradability No further relevant information available.
- Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.
- Ecotoxical effects:
- · Remark: Harmful to fish
- · Additional ecological information:
- General notes:

Water hazard class 3 (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even extremely small quantities leak into the ground.

Harmful to aquatic organisms

- Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · **vPvB:** Not applicable.
- · Other adverse effects No further relevant information available.

13 Disposal considerations

- · Waste treatment methods
- · Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- Uncleaned packagings:
- **Recommendation:** Disposal must be made according to official regulations.
- Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information

Not Regulated, De minimis Quantities

- · UN-Number
- · DOT/TDG, ADR, ADN, IMDG, IATA not regulated
- · UN proper shipping name
- · DOT/TDG, ADR, ADN, IMDG, IATA not regulated

(Contd. on page 7)

Product name: Denaturation Solution

		(Contd. of page 6
Transport hazard class(es)		
· DOT, ADR, ADN, IMDG, IATA · Class	not regulated	
· Packing group · DOT/TDG, ADR, IMDG, IATA	not regulated	
Environmental hazards:	Not applicable.	
Special precautions for user	Not applicable.	
Transport in bulk according to Annex II o MARPOL73/78 and the IBC Code	Not applicable.	
· UN "Model Regulation":	not regulated	

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.
- · Sara
- · Section 355 (extremely hazardous substances):

None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

· TSCA (Toxic Substances Control Act):

All components have the value ACTIVE.

- · Canadian substance listings:
- · Canadian Domestic Substances List (DSL)

All ingredients are listed.

· Canadian Non-Domestic Substances List (NDSL)

None of the ingredients is listed.

· Canadian Ingredient Disclosure list (limit 0.1%)

None of the ingredients is listed.

· Canadian Ingredient Disclosure list (limit 1%)

60-24-2 2-mercaptoethanol

151-21-3 sodium dodecyl sulphate

- GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
- · Hazard pictograms





GHS05 GHS07

GH301

- · Signal word Danger
- · Hazard-determining components of labeling:

2-mercaptoethanol

(Contd. on page 8)

Product name: Denaturation Solution

(Contd. of page 7)

sodium dodecyl sulphate

· Hazard statements

Combustible liquid.

Harmful in contact with skin.

Causes severe skin burns and eye damage.

· Precautionary statements

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not breathe dust/fume/gas/mist/vapours/spray.

Wash thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.

Specific measures (see on this label).

Wash contaminated clothing before reuse.

In case of fire: Use CO2, powder or water spray to extinguish.

Store in a well-ventilated place.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

The information contained in this document is based on Agilent's state of knowledge at the time of preparation. No warranty as to its accurateness, completeness or suitability for a particular purpose is expressed or implied.

CAN





Revision Date: 01/25/2022 Issue Date: 01/25/2022

1 Identification

Product identifier

Product name: Detergent Solution

· Product Code: WS0013

· Application of the substance / the mixture Reagents and Standards for Analytical Chemical Laboratory Use

Details of the supplier of the safety data sheet

Manufacturer/Supplier: Agilent Technologies, Inc. 5301 Stevens Creek Blvd Santa Clara, CA 95051, USA

• **Email:** pdl-msds_author@agilent.com • **Phone number:** 800-227-9770

· Emergency telephone number: CHEMTREC®: 1-800-424-9300

2 Hazard identification

· Classification of the substance or mixture

The product is not classified, according to the Globally Harmonized System (GHS).

- Label elements
- · GHS label elements Void
- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements Void

3 Composition/Information on ingredients

- Chemical characterization: Mixtures
- **Description:** Mixture of the substances listed below with nonhazardous additions.
- Dangerous components: Void

4 First-aid measures

- Description of first aid measures
- · General information: No special measures required.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- · **After skin contact:** Generally the product does not irritate the skin.
- After eye contact: Rinse opened eye for several minutes under running water.
- · After swallowing: If symptoms persist consult doctor.
- Information for doctor:
- · Most important symptoms and effects, both acute and delayed No further relevant information available.
- · Indication of any immediate medical attention and special treatment needed No further relevant information available.

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(Contd. on page 2)

Product name: Detergent Solution

(Contd. of page 1)

5 Fire-fighting measures

- Extinguishing media
- Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- Special hazards arising from the substance or mixture No further relevant information available.
- Advice for firefighters
- · Protective equipment: No special measures required.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures

Wear protective gloves / eye protection / face protection.

Environmental precautions:

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

- · Handling:
- · Precautions for safe handling Wear protective gloves / eye protection / face protection.
- Information about protection against explosions and fires: No special measures required.
- Conditions for safe storage, including any incompatibilities
- · Storage:
- · Requirements to be met by storerooms and receptacles: No special requirements.
- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: None.
- Specific end use(s) No further relevant information available.

8 Exposure controls/ Personal protection

- Additional information about design of technical systems: No further data; see item 7.
- Control parameters
- · Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- · Additional information: The lists that were valid during the creation were used as basis.
- Exposure controls
- Personal protective equipment:
- General protective and hygienic measures: The usual precautionary measures for handling chemicals should be followed.
- · Breathing equipment: Not required.
- Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

(Contd. on page 3)

Revision Date: 01/25/2022 Issue Date: 01/25/2022

Product name: Detergent Solution

(Contd. of page 2)

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- · Material of gloves Wear suitable gloves.
- · Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection: Wear eye protection / face protection.

Physical and chemical prope	erties	
Information on basic physical and General Information Appearance:	chemical properties	
Form:	Liquid	
Color:	Colorless	
Odor:	Characteristic	
Odor threshold:	Not determined.	
pH-value:	Not determined.	
Change in condition Melting point/Melting range: Boiling point/Boiling range:	Undetermined. 100 °C	
Flash point:	Not applicable.	
Flammability (solid, gaseous):	Not applicable.	
Decomposition temperature:	Not determined.	
Auto igniting:	Product is not selfigniting.	
Danger of explosion:	Product does not present an explosion hazard.	
Explosion limits: Lower:	Not determined.	
Upper:	Not determined.	
Vapor pressure at 20 °C:	23 hPa	
Density at 20 °C:	1.009 g/cm³	
Relative density	Not determined.	
Vapor density	Not determined.	
Evaporation rate	Not determined.	
Solubility in / Miscibility with Water:	Fully miscible.	
Partition coefficient (n-octanol/wat	ter): Not determined.	
Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
Solvent content:		
Water:	85.0 %	

(Contd. on page 4)

Product name: Detergent Solution

(Contd. of page 3)

· Other information

No further relevant information available.

10 Stability and reactivity

- · Reactivity No further relevant information available.
- Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · Possibility of hazardous reactions No dangerous reactions known.
- · Conditions to avoid No further relevant information available.
- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

- Information on toxicological effects
- Acute toxicity:
- Primary irritant effect:
- on the skin: May be harmful in contact with skin.
- on the eye: No irritating effect.
- · Sensitization: No sensitizing effects known.
- Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- · Carcinogenic categories
- IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

NTP (National Toxicology Program)

None of the ingredients is listed.

12 Ecological information

- ·Toxicity
- · Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.
- Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.
- Additional ecological information:
- General notes:

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

- Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.

(Contd. on page 5)

Product name: Detergent Solution

Other adverse effects No further relevant information available.

(Contd. of page 4)

13 Disposal considerations

- · Waste treatment methods
- **Recommendation:** Dispose of contents/container in accordance with local/regional/national/international regulations.
- Uncleaned packagings:
- · **Recommendation:** Disposal must be made according to official regulations.
- Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information

Not Regulated, De minimis Quantities

UN-Number	
· DOT/TDG ADD	ΛГ

· DOT/TDG, ADR, ADN, IMDG, IATA not regulated

UN proper shipping name

· DOT/TDG, ADR, ADN, IMDG, IATA not regulated

Transport hazard class(es)

· DOT, ADR, ADN, IMDG, IATA

· Class not regulated

· Packing group

· DOT/TDG, ADR, IMDG, IATA not regulated

• Environmental hazards: Not applicable.

· Special precautions for user Not applicable.

Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code Not applicable.

* UN "Model Regulation": not regulated

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.
- Sara
- · Section 355 (extremely hazardous substances):

None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):

9016-45-9 nonylphenolethoxylates

· TSCA (Toxic Substances Control Act):

All components have the value ACTIVE.

(Contd. on page 6)

Revision Date: 01/25/2022 Issue Date: 01/25/2022

Product name: Detergent Solution

· Canadian substance listings:

(Contd. of page 5)

· Canadian Domestic Substances List (DSL)

All ingredients are listed.

· Canadian Non-Domestic Substances List (NDSL)

None of the ingredients is listed.

· Canadian Ingredient Disclosure list (limit 0.1%)

None of the ingredients is listed.

· Canadian Ingredient Disclosure list (limit 1%)

None of the ingredients is listed.

- · GHS label elements Void
- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements Void
- · Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

The information contained in this document is based on Agilent's state of knowledge at the time of preparation. No warranty as to its accurateness, completeness or suitability for a particular purpose is expressed or implied.

CAN





Revision Date: 01/25/2022 Issue Date: 01/25/2022

1 Identification

Product identifier

Product name: 5X N-Glycanase Tris Reaction Buffer

· Product Code: WS0145

· Application of the substance / the mixture Reagents and Standards for Analytical Chemical Laboratory Use

Details of the supplier of the safety data sheet

Manufacturer/Supplier: Agilent Technologies, Inc. 5301 Stevens Creek Blvd Santa Clara, CA 95051, USA

Email: pdl-msds_author@agilent.com
Phone number: 800-227-9770

· Emergency telephone number: CHEMTREC®: 1-800-424-9300

2 Hazard identification

· Classification of the substance or mixture

The product is not classified, according to the Globally Harmonized System (GHS).

- Label elements
- · GHS label elements Void
- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements Void

3 Composition/Information on ingredients

Chemical characterization: Mixtures

• **Description:** Mixture of the substances listed below with nonhazardous additions.

Dangerous components: Void

4 First-aid measures

- Description of first aid measures
- · General information: No special measures required.
- · **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- · After skin contact: Generally the product does not irritate the skin.
- · After eye contact: Rinse opened eye for several minutes under running water.
- · After swallowing: If symptoms persist consult doctor.
- Information for doctor:
- · Most important symptoms and effects, both acute and delayed No further relevant information available.
- · Indication of any immediate medical attention and special treatment needed No further relevant information available.

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(Contd. on page 2)

Revision Date: 01/25/2022 Issue Date: 01/25/2022

Product name: 5X N-Glycanase Tris Reaction Buffer

(Contd. of page 1)

5 Fire-fighting measures

- Extinguishing media
- · Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- Special hazards arising from the substance or mixture No further relevant information available.
- Advice for firefighters
- · Protective equipment: No special measures required.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear protective gloves / eye protection / face protection.

- · Environmental precautions: Dilute with plenty of water.
- Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

- · Handling:
- Precautions for safe handling Wear protective gloves / eye protection / face protection.
- · Information about protection against explosions and fires: No special measures required.
- · Conditions for safe storage, including any incompatibilities
- Storage:
- Requirements to be met by storerooms and receptacles: No special requirements.
- Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: None.
- · Specific end use(s) No further relevant information available.

8 Exposure controls/ Personal protection

- Additional information about design of technical systems: No further data; see item 7.
- · Control parameters
- * Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- · Additional information: The lists that were valid during the creation were used as basis.
- Exposure controls
- Personal protective equipment:
- · General protective and hygienic measures: The usual precautionary measures for handling chemicals should be followed.
- · Breathing equipment: Not required.
- · Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves Wear suitable gloves.

(Contd. on page 3)

Revision Date: 01/25/2022 Issue Date: 01/25/2022

Product name: 5X N-Glycanase Tris Reaction Buffer

(Contd. of page 2)

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection: Wear eye protection / face protection.

9 Physical and chemical proper	ties	
Information on basic physical and chemical properties		
General Information	nomiour proportios	
· Appearance:		
Form:	Liquid	
Color: · Odor:	Clear Odorless	
· Odor threshold:	Not determined.	
· pH-value at 20 °C:	8	
· Change in condition		
Melting point/Melting range:	0 °C	
Boiling point/Boiling range:	100 °C	
· Flash point:	Not applicable.	
· Flammability (solid, gaseous):	Not applicable.	
· Decomposition temperature:	Not determined.	
· Auto igniting:	Product is not selfigniting.	
Danger of explosion:	Product does not present an explosion hazard.	
· Explosion limits:		
Lower:	Not determined.	
Upper:	Not determined.	
· Vapor pressure at 20 °C:	23 hPa	
Density at 20 °C:	1.0028 g/cm³	
Relative density	Not determined.	
Vapor density Evaporation rate	Not determined. Not determined.	
·	Not determined.	
· Solubility in / Miscibility with Water:	Fully miscible.	
Partition coefficient (n-octanol/water	·	
,	y. Not dotominod.	
· Viscosity: Dynamic at 20 °C:	0.952 mPas	
Kinematic:	Not determined.	
· Solvent content:		
Water:	99.0 %	
Solids content:	1.0 %	
· Other information	No further relevant information available.	

(Contd. on page 4)

Revision Date: 01/25/2022 Issue Date: 01/25/2022

Product name: 5X N-Glycanase Tris Reaction Buffer

(Contd. of page 3)

10 Stability and reactivity

- · **Reactivity** No further relevant information available.
- · Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions No dangerous reactions known.
- Conditions to avoid No further relevant information available.
- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

- Information on toxicological effects
- · Acute toxicity:
- Primary irritant effect:
- · on the skin: May be harmful in contact with skin.
- · on the eye: No irritating effect.
- Sensitization: No sensitizing effects known.
- Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- Carcinogenic categories
- · IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

· NTP (National Toxicology Program)

None of the ingredients is listed.

12 Ecological information

- ·Toxicity
- · Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.
- · Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.
- Additional ecological information:
- · General notes: Not hazardous for water.
- Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · **vPvB:** Not applicable.
- · Other adverse effects No further relevant information available.

CAN

Revision Date: 01/25/2022 Issue Date: 01/25/2022

Product name: 5X N-Glycanase Tris Reaction Buffer

(Contd. of page 4)

13 Disposal considerations

- · Waste treatment methods
- **Recommendation:** Dispose of contents/container in accordance with local/regional/national/international regulations.
- Uncleaned packagings:
- · Recommendation: Disposal must be made according to official regulations.
- · Recommended cleansing agent: Water, if necessary with cleansing agents.

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· UN-Number · DOT/TDG, ADR, ADN, IMDG, IATA	not regulated	
· · · · ·	not regulated	
 UN proper shipping name DOT/TDG, ADR, ADN, IMDG, IATA 	not regulated	
Transport hazard class(es)		
DOT, ADR, ADN, IMDG, IATA		
Class	not regulated	
· Packing group		
DOT/TDG, ADR, IMDG, IATA	not regulated	
· Environmental hazards:	Not applicable.	
Special precautions for user	Not applicable.	
Transport in bulk according to Annex II of		
MARPOL73/78 and the IBC Code	Not applicable.	
· UN "Model Regulation":	not regulated	

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture. No further relevant information available.
- · Sara
- · Section 355 (extremely hazardous substances):

None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

- · TSCA (Toxic Substances Control Act):
- All components have the value ACTIVE.
- · Canadian substance listings:
- · Canadian Domestic Substances List (DSL)

All ingredients are listed.

· Canadian Non-Domestic Substances List (NDSL)

None of the ingredients is listed.

(Contd. on page 6)

Revision Date: 01/25/2022 Issue Date: 01/25/2022

Product name: 5X N-Glycanase Tris Reaction Buffer

(Contd. of page 5)

· Canadian Ingredient Disclosure list (limit 0.1%)

None of the ingredients is listed.

· Canadian Ingredient Disclosure list (limit 1%)

None of the ingredients is listed.

- · GHS label elements Void
- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements Void
- · Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

The information contained in this document is based on Agilent's state of knowledge at the time of preparation. No warranty as to its accurateness, completeness or suitability for a particular purpose is expressed or implied.

CAN -