



Agilent Technologies

Kit Name: AdvanceBio Gly-X N-Glycan Prep with InstantPC Kit, 96-ct

Kit PN: GX96-IPC

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

Kit Components

Part Number	Module Name	Kit Component Part Number	Kit Component Name	Qty
GX96-100	AdvanceBio Gly-X Deglycosylation Module (96-ct)	WS0341	Gly-X Deglycosylation Plate (96-well)*	1 each
		WS0343	Gly-X-Glycanase, 1 mg/mL, 120 µl	1 vial
		WS0344	Gly-X N-Digestion Buffer, 240 µl	2 vials
		WS0358	Gly-X Denaturant, 240 µl	1 vial
GX96-101	AdvanceBio Gly-X InstantPC Labeling Module (96-ct)	WS0338	InstantPC Dye, 30mg	4 bottles
		WS0339	InstantPC Dye Solvent, 0.6ml	1 vial
GX96-102	AdvanceBio Gly-X InstantPC Cleanup Module (96-ct)	MS1451	Waste Tray*	1 each
		WS0333	InstantPC Eluent, 15ml	1 bottle
		WS0334	Gly-X Cleanup Plate A*	1 each
		WS0352	Gly-X Collection Plate*	1 each
*(Only contains hardware/non-chemical containing)				

SDSs for each component follow this cover sheet.

Transportation Information for the Kit:

Proper Shipping Names:

DOT	IATA/ICAO	China
Not regulated*	Not regulated*	UN 2265 N,N-DIMETHYLFORMAMIDE SOLUTION, 3, III

*Not Regulated, De minimis Quantities

**Safety Data Sheet
according to HPR, Schedule 1**

Date of issue 09/09/2026

Revision: 06/30/2026

1 Identification

- **Product identifier**
- **Product name:** Gly-X N-Glycanase (120ul)
- **Other means of identification**
- **Part no. :** WS0343, WS0343-24
- **Application of the substance / the mixture**
For Research and Development Only. 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.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.

(Contd. on page 2)

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 06/30/2026

Product name: Gly-X N-Glycanase (120ul)

(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).
- **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

- **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

- **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**
- **Appropriate engineering controls** No further data; see section 7.
- **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)

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 06/30/2026

Product name: Gly-X N-Glycanase (120ul)

(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.

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Physical state	Liquid
· Color:	Colorless
· Odor:	Not determined
· Odor threshold:	Not determined
· Melting point/Melting range:	0 °C
· Boiling point/Boiling range:	100 °C
· Flammability:	Not applicable
· Explosion limits:	
· Lower:	Not determined
· Upper:	Not determined
· Flash point:	Not applicable
· Decomposition temperature:	Not determined
· pH-value at 20 °C:	7.5
· Viscosity:	
· Kinematic:	Not determined
· Dynamic at 20 °C:	0.952 mPas
· Solubility in / Miscibility with	
· Water:	Fully miscible.
· Partition coefficient (n-octanol/water):	Not determined
· Vapor pressure at 20 °C:	23 hPa
· Vapor pressure:	
· Density at 20 °C:	1 g/cm ³
· Relative density	Not determined
· Vapor density	Not determined
· Particle characteristics	Not applicable

· Other information

· Appearance:

· Form: Liquid

· Important information on protection of health and environment, and on safety.

· Ignition temperature: Product is not selfigniting.

· Danger of explosion: Product does not present an explosion hazard.

· Solvent content:

· Water: 99.3 %

· Solids content: 0.3 %

· Change in condition

· Evaporation rate: Not determined

(Contd. on page 4)

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 06/30/2026

Product name: Gly-X N-Glycanase (120ul)

(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.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **Other adverse effects**
- **Additional ecological information:**
- **General notes:** Not hazardous for water.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Dispose of contents/container in accordance with local/regional/national/international regulations.

(Contd. on page 5)

CAN

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 06/30/2026

Product name: Gly-X N-Glycanase (120ul)

(Contd. of page 4)

- **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/TDG, ADR, ADN, IMDG, IATA | |
| · Class | not regulated |
| · Packing group | |
| · DOT/TDG, ADR, IMDG, IATA | not regulated |
| · Environmental hazards: | Not applicable |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable |
| · Special precautions for user | Not applicable |
| · UN "Model Regulation": | not regulated |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **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):

7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE
77-86-1	trometamol	ACTIVE
7647-14-5	sodium chloride	ACTIVE

Canadian substance listings:
Canadian Domestic Substances List (DSL)

7732-18-5	water, distilled, conductivity or of similar purity
77-86-1	trometamol
7647-14-5	sodium chloride

Canadian Non-Domestic Substances List (NDSL)

None of the ingredients is listed.

(Contd. on page 6)

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 06/30/2026

Product name: Gly-X N-Glycanase (120ul)

(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.

· Per- and polyfluoroalkyl substances (PFAS)

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.

· Date of previous version 03/29/2023

· Version number of previous version: 2

· Date of preparation 09/09/2026

CAN

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 06/30/2026

1 Identification

- **Product identifier**
- **Product name:** Gly-X Digestion Buffer (240 ul)
- **Other means of identification**
- **Part no. :** WS0344
- **Application of the substance / the mixture**
For Research and Development Only. 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:		
7365-45-9	4-(2-hydroxyethyl)piperazine-1-ethanesulfonic acid	8.936% 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.
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.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.

(Contd. on page 2)

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 06/30/2026

Product name: Gly-X Digestion Buffer (240 ul)

(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.
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 section 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

- **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

- **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)

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 06/30/2026

Product name: Gly-X Digestion Buffer (240 ul)

(Contd. of page 2)

- **Exposure controls**
- **Appropriate engineering controls** No further data; see section 7.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
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:** Wear eye protection / face protection.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Physical state** Liquid
- **Color:** Clear
- **Odor:** Not determined
- **Odor threshold:** Not determined
- **Melting point/Melting range:** Undetermined
- **Boiling point/Boiling range:** 100 °C
- **Flammability:** Not applicable
- **Explosion limits:**
- **Lower:** Not determined
- **Upper:** Not determined
- **Flash point:** Not applicable
- **Decomposition temperature:** Not determined
- **pH-value at 20 °C:** 8
- **Viscosity:**
- **Kinematic:** Not determined
- **Dynamic:** Not determined
- **Solubility in / Miscibility with**
- **Water:** Fully miscible.
- **Partition coefficient (n-octanol/water):** Not determined
- **Vapor pressure at 20 °C:** 23 hPa
- **Vapor pressure:**
- **Density:** Not determined
- **Relative density** Not determined
- **Vapor density** Not determined
- **Particle characteristics** Not applicable

(Contd. on page 4)

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 06/30/2026

Product name: Gly-X Digestion Buffer (240 ul)

(Contd. of page 3)

Other information
Appearance:
Form: Liquid

Important information on protection of health and environment, and on safety.
Ignition temperature: Product is not selfigniting.

Danger of explosion: Product does not present an explosion hazard.

Solvent content:
Water: 90.8 %

Solids content: 0.0 %

Change in condition
Evaporation rate Not determined

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 values that are relevant for classification:
7365-45-9 4-(2-hydroxyethyl)piperazine-1-ethanesulfonic acid

Oral | LD50 | 316 mg/kg (Quail)

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.

(Contd. on page 5)

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 06/30/2026

Product name: Gly-X Digestion Buffer (240 ul)

(Contd. of page 4)

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

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/TDG, ADR, ADN, IMDG, IATA | |
| · Class | not regulated |
| · Packing group | |
| · DOT/TDG, ADR, IMDG, IATA | not regulated |
| · Environmental hazards: | Not applicable |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable |

(Contd. on page 6)

CAN

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 06/30/2026

Product name: Gly-X Digestion Buffer (240 ul)

(Contd. of page 5)

- | | |
|-------------------------------------|----------------|
| Special precautions for user | Not applicable |
| UN "Model Regulation": | not regulated |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **Sara**

- **Section 355 (extremely hazardous substances):**

26628-22-8	sodium azide
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- **Section 313 (Specific toxic chemical listings):**

26628-22-8	sodium azide
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- **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.

- **Per- and polyfluoroalkyl substances (PFAS)**

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.

- **Date of previous version** 06/30/2026

- **Version number of previous version:** 2

- **Date of preparation** 09/09/2026

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 08/28/2026

1 Identification

- **Product identifier**
- **Product name:** Gly-X Denaturant (240ul)
- **Other means of identification**
- **Part no. :** WS0358
- **Application of the substance / the mixture**
For Research and Development Only. 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:	
2044-56-6	Lithium dodecyl sulfate
<5.0% w/w	

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.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.

(Contd. on page 2)

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 08/28/2026

Product name: Gly-X Denaturant (240ul)

(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.
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

- **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

- **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**
- **Appropriate engineering controls** No further data; see section 7.
- **Personal protective equipment:**
- **General protective and hygienic measures:** The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:** Not required

(Contd. on page 3)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 08/28/2026

Product name: Gly-X Denaturant (240ul)

(Contd. of page 2)

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.

9 Physical and chemical properties

Information on basic physical and chemical properties
General Information

Physical state	Liquid
Color:	Clear
Odor:	Not determined
Odor threshold:	Not determined
Melting point/Melting range:	Undetermined
Boiling point/Boiling range:	100 °C
Flammability:	Not applicable
Explosion limits:	
Lower:	Not determined
Upper:	Not determined
Flash point:	Not applicable
Decomposition temperature:	Not determined
pH-value:	Not determined
Viscosity:	
Kinematic:	Not determined
Dynamic:	Not determined
Solubility in / Miscibility with	
Water:	Fully miscible.
Partition coefficient (n-octanol/water):	Not determined
Vapor pressure at 20 °C:	23 hPa
Vapor pressure:	
Density:	Not determined
Relative density	Not determined
Vapor density	Not determined
Particle characteristics	Not applicable

Other information
Appearance:

Form: Liquid

Important information on protection of health and environment, and on safety.

Ignition temperature:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard.
Solvent content:	
Water:	98.1 %
Solids content:	0.0 %

(Contd. on page 4)

CAN

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 08/28/2026

Product name: Gly-X Denaturant (240ul)

(Contd. of page 3)

- **Change in condition**

- **Evaporation rate**

Not determined

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.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **Other adverse effects**
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water

(Contd. on page 5)

CAN

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 08/28/2026

Product name: Gly-X Denaturant (240ul)

(Contd. of page 4)

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **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.

(Contd. on page 6)

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 08/28/2026

Product name: Gly-X Denaturant (240ul)

(Contd. of page 5)

Canadian substance listings:
Canadian Domestic Substances List (DSL)

7732-18-5 | water, distilled, conductivity or of similar purity

2044-56-6 | Lithium dodecyl sulfate

Canadian Non-Domestic Substances List (NDSL)

10581-12-1 | tetramethylammonium acetate

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.

Per- and polyfluoroalkyl substances (PFAS)

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.

Date of previous version 06/30/2026

Version number of previous version: 2

Date of preparation 09/09/2026

CAN

**Safety Data Sheet
according to HPR, Schedule 1**

Date of issue 09/09/2026

Revision: 08/21/2026

1 Identification

- **Product identifier**
- **Product name:** InstantProcaine Dye, 30 mg
- **CAS Number:**
2050902-45-7
- **Other means of identification**
- **Part no. :** WS0338
- **Application of the substance / the mixture**
For Research and Development Only. 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 substance 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: Substances**
- **CAS No. Description**
2050902-45-7 2-(diethylamino)ethyl 4-(((2,5-dioxopyrrolidin-1-yl)oxy)carbonyl)amino)benzoate

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.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.

(Contd. on page 2)

CAN

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 08/21/2026

Product name: InstantProcaine Dye, 30 mg

(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:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:** Pick up mechanically.
- **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

- **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

- **Control parameters**
- **Components with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Appropriate engineering controls** No further data; see section 7.
- **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

(Contd. on page 3)

CAN

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 08/21/2026

Product name: InstantProcaine Dye, 30 mg

(Contd. of page 2)

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

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 properties

Information on basic physical and chemical properties
General Information

Physical state	Solid
Color:	White
Odor:	Odorless
Odor threshold:	Not determined
Melting point/Melting range:	Undetermined
Boiling point/Boiling range:	Undetermined
Flammability:	Product is not flammable.
Explosion limits:	
Lower:	Not determined
Upper:	Not determined
Flash point:	Not applicable
Decomposition temperature:	Not determined
pH-value:	Not applicable
Viscosity:	
Kinematic:	Not applicable
Dynamic:	Not applicable
Solubility in / Miscibility with	
Water:	Soluble.
Partition coefficient (n-octanol/water):	Not determined
Vapor pressure:	Not applicable
Vapor pressure:	
Density:	Not determined
Relative density	Not determined
Vapor density	Not applicable
Particle characteristics	Not determined

Other information
Appearance:

Form: Powder

Important information on protection of health and environment, and on safety.

Ignition temperature:	Not determined
Danger of explosion:	Product does not present an explosion hazard.
Solids content:	100.0 %
Change in condition	
Evaporation rate	Not applicable.

(Contd. on page 4)

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 08/21/2026

Product name: InstantProcaine Dye, 30 mg

(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:**
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.
The substance is not subject to classification.
- **Carcinogenic categories**
- **IARC (International Agency for Research on Cancer)** Substance is not listed.
- **NTP (National Toxicology Program)** Substance is not listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **Other adverse effects**
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Dispose of contents/container in accordance with local/regional/national/international regulations.

(Contd. on page 5)

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 08/21/2026

Product name: InstantProcaine Dye, 30 mg

(Contd. of page 4)

- **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 |
| · Transport hazard class(es) | |
| · DOT/TDG, ADR, ADN, IMDG, IATA | |
| · Class | not regulated |
| · Packing group | |
| · DOT/TDG, ADR, IMDG, IATA | not regulated |
| · Environmental hazards: | |
| · Marine pollutant: | No |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable |
| · Special precautions for user | Not applicable |
| · UN "Model Regulation": | not regulated |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**
- **Section 355 (extremely hazardous substances):** Substance is not listed.
- **Section 313 (Specific toxic chemical listings):** Substance is not listed.
- **TSCA (Toxic Substances Control Act):**
All components are active or exempted. This product is exempt from TSCA inventory listing under the Research and Development (R&D) exemption as defined in 40 CFR 720.36. It is intended solely for use in scientific experimentation, analysis, or research.
- **Canadian substance listings:**
- **Canadian Domestic Substances List (DSL)** Substance is not listed.
- **Canadian Non-Domestic Substances List (NDSL)** Substance is not listed.
- **Canadian Ingredient Disclosure list (limit 0.1%)** Substance is not listed.
- **Canadian Ingredient Disclosure list (limit 1%)** Substance is not listed.
- **Per- and polyfluoroalkyl substances (PFAS)** Substance is not listed.
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void

(Contd. on page 6)

CAN

Safety Data Sheet
according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 08/21/2026

Product name: InstantProcaine Dye, 30 mg

(Contd. of page 5)

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.

- **Date of previous version** 06/16/2026
- **Version number of previous version:** 2
- **Date of preparation** 09/09/2026

CAN

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 09/04/2026

1 Identification

- **Product identifier**
- **Product name:** Dye Solvent, 600 ul
- **Other means of identification**
- **Part no. :** WS0339
- **Application of the substance / the mixture**
For Research and Development Only. 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**



GHS02 Flame

Flammable liquids – Category 3 H226 Flammable liquid and vapour.



GHS06 Skull and crossbones

Acute Toxicity (Dermal) – Category 3 H311 Toxic in contact with skin.



GHS08 Health hazard

Carcinogenicity - Category 1B H350 May cause cancer.

Reproductive Toxicity - Category 1B H360 May damage fertility or the unborn child.



GHS07

Skin Irritation - Category 2 H315 Causes skin irritation.

Eye damage/irritation – Category 2A H319 Causes serious eye irritation.

- **Label elements**

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

(Contd. on page 2)

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 09/04/2026

Product name: Dye Solvent, 600 ul

(Contd. of page 1)

Hazard pictograms


GHS02 GHS06 GHS07 GHS08

Signal word Danger

Hazard-determining components of labeling:

 N,N-dimethylformamide
 1,3-Di(4-pyridyl)propane

Hazard statements

 H226 Flammable liquid and vapour.
 H311 Toxic in contact with skin.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H350 May cause cancer.
 H360 May damage fertility or the unborn child.

Precautionary statements

If medical advice is needed, have product container or label at hand.
 Keep out of reach of children.
 Read carefully and follow all instructions.
 Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 Keep container tightly closed.
 Ground and bond container and receiving equipment.
 Use explosion-proof [electrical/ventilating/lighting] equipment.
 Use non-sparking tools.
 Take action to prevent static discharges.
 Wash thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 IF exposed or concerned: Get medical advice/attention.
 Call a POISON CENTER/doctor if you feel unwell.
 Specific treatment (see on this label).
 Take off immediately all contaminated clothing and wash it before reuse.
 If skin irritation occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 In case of fire: Use CO₂, powder or water spray to extinguish.
 Store in a well-ventilated place. Keep cool.
 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:

68-12-2	N,N-dimethylformamide	90-95% w/w *
17252-51-6	1,3-Di(4-pyridyl)propane	5-10% w/w *

(Contd. on page 3)

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 09/04/2026

Product name: Dye Solvent, 600 ul

(Contd. of page 2)

* Actual concentration ranges are withheld as a trade secret.

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:**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

- **After skin contact:** Generally the product does not irritate the skin.

- **After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- **After swallowing:** Immediately call a 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.

- **Advice for firefighters**

- **Protective equipment:** Mouth respiratory protective device.

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 section 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.

CAN
(Contd. on page 4)

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 09/04/2026

Product name: Dye Solvent, 600 ul

(Contd. of page 3)

7 Handling and storage

- **Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

- **Information about protection against explosions and fires:** Keep respiratory protective device available.

- **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

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

68-12-2 N,N-dimethylformamide

EL TWA: 5 ppm

Skin, IARC 2A

EV TWA: 30 mg/m³, 10 ppm

Skin

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

- **Exposure controls**

- **Appropriate engineering controls** No further data; see section 7.

- **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.

Store protective clothing separately.

Avoid contact with the eyes.

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.

(Contd. on page 5)

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 09/04/2026

Product name: Dye Solvent, 600 ul

(Contd. of page 4)

· Eye protection:



Tightly sealed goggles

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Physical state	Liquid
· Color:	Clear
· Odor:	Not determined
· Odor threshold:	Not determined
· Melting point/Melting range:	Undetermined
· Boiling point/Boiling range:	142 °C
· Flammability:	Not applicable
· Explosion limits:	
· Lower:	2.2 Vol %
· Upper:	16 Vol %
· Flash point:	58 °C
· Auto igniting:	440 °C
· Decomposition temperature:	Not determined
· pH-value at 20 °C:	9.1-9.2
· Viscosity:	
· Kinematic:	Not determined
· Dynamic:	Not determined
· Solubility in / Miscibility with	
· Water:	Fully miscible.
· Partition coefficient (n-octanol/water):	Not determined
· Vapor pressure at 20 °C:	3.5 hPa
· Vapor pressure:	
· Density:	Not determined
· Relative density	Not determined
· Vapor density	Not determined
· Particle characteristics	Not applicable

· Other information

· Appearance:

· Form: Liquid

· Important information on protection of health and environment, and on safety.

· Ignition temperature:	Product is not selfigniting.
· Danger of explosion:	Not determined
· Solvent content:	
· Solids content:	5-10 %
· Change in condition	
· Evaporation rate	Not determined

 CAN
(Contd. on page 6)

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 09/04/2026

Product name: Dye Solvent, 600 ul

(Contd. of page 5)

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 values that are relevant for classification:**

68-12-2 N,N-dimethylformamide

Oral	LD50	2,800 mg/kg (rat)
Dermal	LD50	4,720 mg/kg (rabbit)
Inhalative	LC50/4 h	9,400 mg/l (mouse)

17252-51-6 1,3-Di(4-pyridyl)propane

Oral	LD50	256 mg/kg (rat)
------	------	-----------------

- **Primary irritant effect:**
- **on the skin:** May be harmful in contact with skin.
- **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)**

68-12-2 | N,N-dimethylformamide

2A

- **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.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable

(Contd. on page 7)

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 09/04/2026

Product name: Dye Solvent, 600 ul

(Contd. of page 6)

Other adverse effects
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.

13 Disposal considerations

Waste treatment methods
Recommendation: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

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, IMDG, IATA

UN2265

UN proper shipping name
DOT/TDG

N,N-Dimethylformamide solution

ADR

2265 N,N-Dimethylformamide solution

IMDG, IATA

N,N-DIMETHYLFORMAMIDE solution

Transport hazard class(es)
DOT/TDG (Transport dangerous goods):

Class

3 Flammable liquids

Label

3

ADR, IMDG, IATA

Class

3 Flammable liquids

Label

3

Packing group
DOT/TDG, ADR, IMDG, IATA

III

Environmental hazards:

Not applicable

(Contd. on page 8)

CAN

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 09/04/2026

Product name: Dye Solvent, 600 ul

(Contd. of page 7)

· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable
· Transport/Additional information:	
· DOT/TDG	
· Quantity limitations	On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L
· ADR	
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· IMDG	
· Limited quantities (LQ)	5 L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· Special precautions for user	Warning: Flammable liquids
· Hazard identification number (Kemler code):	30
· EMS Number:	F-E,S-D
· Stowage Category	A
· UN "Model Regulation":	UN 2265 N,N-DIMETHYLFORMAMIDE SOLUTION, 3, III

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

Section 355 (extremely hazardous substances):

None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):

68-12-2 | N,N-dimethylformamide

TSCA (Toxic Substances Control Act):

All components have the value ACTIVE.

Canadian substance listings:
Canadian Domestic Substances List (DSL)

68-12-2 | N,N-dimethylformamide

Canadian Non-Domestic Substances List (NDSL)

17252-51-6 | 1,3-Di(4-pyridyl)propane

Canadian Ingredient Disclosure list (limit 0.1%)

None of the ingredients is listed.

Canadian Ingredient Disclosure list (limit 1%)

68-12-2 | N,N-dimethylformamide

Per- and polyfluoroalkyl substances (PFAS)

None of the ingredients is listed.

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

(Contd. on page 9)

CAN

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 09/04/2026

Product name: Dye Solvent, 600 ul

(Contd. of page 8)

Hazard pictograms

Signal word Danger

Hazard-determining components of labeling:

N,N-dimethylformamide
1,3-Di(4-pyridyl)propane

Hazard statements

H226 Flammable liquid and vapour.
H311 Toxic in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H350 May cause cancer.
H360 May damage fertility or the unborn child.

Precautionary statements

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read carefully and follow all instructions.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Ground and bond container and receiving equipment.
Use explosion-proof [electrical/ventilating/lighting] equipment.
Use non-sparking tools.
Take action to prevent static discharges.
Wash thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
Call a POISON CENTER/doctor if you feel unwell.
Specific treatment (see on this label).
Take off immediately all contaminated clothing and wash it before reuse.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
In case of fire: Use CO₂, powder or water spray to extinguish.
Store in a well-ventilated place. Keep cool.
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.

- **Date of previous version** 08/21/2026
- **Version number of previous version:** 3
- **Date of preparation** 09/09/2026

**Safety Data Sheet
according to HPR, Schedule 1**

Date of issue 09/09/2026

Revision: 08/28/2026

1 Identification

- **Product identifier**
- **Product name:** InstantPC Eluent (15 ml) 160 mM Ammonium
- **Other means of identification**
- **Part no. :** WS0333
- **Application of the substance / the mixture**
For Research and Development Only. 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**



GHS07

Eye damage/irritation – Category 2A H319 Causes serious eye irritation.

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



GHS07

- **Signal word** Warning
- **Hazard statements**
H319 Causes serious eye irritation.
- **Precautionary statements**
If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read carefully and follow all instructions.
Wash thoroughly after handling.
Wear eye protection / face protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

CAN

(Contd. on page 2)

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 08/28/2026

Product name: InstantPC Eluent (15 ml) 160 mM Ammonium

(Contd. of page 1)

3 Composition/Information on ingredients

- **Chemical characterization: Mixtures**

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

- **Dangerous components:**

75-05-8 | acetonitrile

10.0% 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:**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

- **After skin contact:** Generally the product does not irritate the skin.

- **After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- **After swallowing:** Immediately call a 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:** 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:** Mouth respiratory protective device.

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).

Dispose contaminated material as waste according to section 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.

 CAN
(Contd. on page 3)

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 08/28/2026

Product name: InstantPC Eluent (15 ml) 160 mM Ammonium

(Contd. of page 2)

7 Handling and storage

- **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

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

75-05-8 acetonitrile

EL	TWA: 20 ppm Skin
EV	TWA: 20 ppm Skin

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Appropriate engineering controls** No further data; see section 7.
- **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.
Avoid contact with the eyes.
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:**
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

 CAN
(Contd. on page 4)

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 08/28/2026

Product name: InstantPC Eluent (15 ml) 160 mM Ammonium

(Contd. of page 3)

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Physical state	Liquid
· Color:	Clear
· Odor:	Not determined
· Odor threshold:	Not determined
· Melting point/Melting range:	Undetermined
· Boiling point/Boiling range:	81 °C
· Flammability:	Not applicable
· Explosion limits:	
· Lower:	4.4 Vol %
· Upper:	16 Vol %
· Flash point:	Not applicable
· Auto igniting:	525 °C
· Decomposition temperature:	Not determined
· pH-value:	Not determined
· Viscosity:	
· Kinematic:	Not determined
· Dynamic:	Not determined
· Solubility in / Miscibility with	
· Water:	Fully miscible.
· Partition coefficient (n-octanol/water):	Not determined
· Vapor pressure at 20 °C:	97 hPa
· Vapor pressure:	
· Density at 20 °C:	0.97482 g/cm ³
· Relative density	Not determined
· Vapor density	Not determined
· Particle characteristics	Not applicable

· Other information

· Appearance:	
· Form:	Liquid
· Important information on protection of health and environment, and on safety.	
· Ignition temperature:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Solvent content:	
· Water:	89.0 %
· Solids content:	0.0 %
· Change in condition	
· Evaporation rate	Not determined

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.

(Contd. on page 5)

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 08/28/2026

Product name: InstantPC Eluent (15 ml) 160 mM Ammonium

(Contd. of page 4)

- **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 values that are relevant for classification:**

75-05-8 acetonitrile

Oral	LD50	2,730 mg/kg (rat)
Dermal	LD50	1,250 mg/kg (rabbit)

- **Primary irritant effect:**

- **on the skin:** May be harmful in contact with skin.

- **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.

- **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.

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable

- **vPvB:** Not applicable

- **Other adverse effects**

- **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.

13 Disposal considerations

- **Waste treatment methods**

- **Recommendation:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

(Contd. on page 6)

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 08/28/2026

Product name: InstantPC Eluent (15 ml) 160 mM Ammonium

(Contd. of page 5)

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

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

Section 355 (extremely hazardous substances):

None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):

75-05-8 | acetonitrile

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%)

75-05-8 | acetonitrile

(Contd. on page 7)

Safety Data Sheet according to HPR, Schedule 1

Date of issue 09/09/2026

Revision: 08/28/2026

Product name: InstantPC Eluent (15 ml) 160 mM Ammonium

(Contd. of page 6)

· **Canadian Ingredient Disclosure list (limit 1%)**

None of the ingredients is listed.

· **Per- and polyfluoroalkyl substances (PFAS)**

None of the ingredients is listed.

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

· **Hazard pictograms**



GHS07

· **Signal word** Warning

· **Hazard statements**

H319 Causes serious eye irritation.

· **Precautionary statements**

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

Keep out of reach of children.

Read carefully and follow all instructions.

Wash thoroughly after handling.

Wear eye protection / face protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

· **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.

· **Date of previous version** 03/29/2023

· **Version number of previous version:** 2

· **Date of preparation** 09/09/2026