



# Agilent Technologies

**Kit Name:** AdvanceBio Gly-X InstantPC Cleanup Module (96-ct)

**Kit PN:** GX96-102

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
GX96-102	AdvanceBio Gly-X InstantPC Cleanup Module (96-ct)	WS0333	InstantPC Eluent (15 ml) 160 mM Ammonium	1 Vials

SDSs for each component follow this cover sheet.

## Transportation Information for the Kit:

Proper Shipping Names:

DOT	IATA/ICAO	China
UN3316, Chemical kit, 3, II	UN3316, Chemical kit, 3, II	UN3316, Chemical kit, 3, II

**Safety Data Sheet  
acc. to OSHA HCS**

Revision Date: 03/30/2023

Issue Date: 03/29/2023

**1 Identification**

- **Product identifier**
- **Product name:** InstantPC Eluent (15 ml) 160 mM Ammonium
- **Product Code:** WS0333
- **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(s) identification**

- **Classification of the substance or mixture**



GHS07

Eye Irritation 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**  
Causes serious eye irritation.
- **Precautionary statements**  
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.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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

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### 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%
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### 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:** 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:** 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 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.

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**Protective Action Criteria for Chemicals**
**PAC-1:**

75-05-8	acetonitrile	13 ppm
540-69-2	ammonium formate	3.7 mg/m <sup>3</sup>

**PAC-2:**

75-05-8	acetonitrile	50 ppm
540-69-2	ammonium formate	41 mg/m <sup>3</sup>

**PAC-3:**

75-05-8	acetonitrile	150 ppm
540-69-2	ammonium formate	240 mg/m <sup>3</sup>

## 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:**
**75-05-8 acetonitrile**

PEL	Long-term value: 70 mg/m <sup>3</sup> , 40 ppm
REL	Long-term value: 34 mg/m <sup>3</sup> , 20 ppm
TLV	Long-term value: 20 ppm
	Skin, A4

**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.  
Avoid contact with the eyes.  
Avoid contact with the eyes and skin.

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**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

### 9 Physical and chemical properties

**Information on basic physical and chemical properties**
**General Information**
**Appearance:**

Form:

Liquid

Color:

Clear

**Odor:**

Characteristic

**Odor threshold:**

Not determined.

**pH-value:**

Not determined.

**Change in condition**

Melting point/Melting range:

Undetermined.

Boiling point/Boiling range:

81 °C (177.8 °F)

**Flash point:**

Not applicable.

**Flammability (solid, gaseous):**

Not applicable.

**Ignition temperature:**

525 °C (977 °F)

**Decomposition temperature:**

Not determined.

**Auto igniting:**

Product is not selfigniting.

**Danger of explosion:**

Product does not present an explosion hazard.

**Explosion limits:**

Lower:

4.4 Vol %

Upper:

16 Vol %

**Vapor pressure at 20 °C (68 °F):**

97 hPa (72.8 mm Hg)

**Density at 20 °C (68 °F):**
0.97482 g/cm<sup>3</sup> (8.13487 lbs/gal)
**Relative density**

Not determined.

**Vapor density**

Not determined.

**Evaporation rate**

Not determined.

**Solubility in / Miscibility with**

Water:

Fully miscible.

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- |   |  |
|---|--|
| · <b>Partition coefficient (n-octanol/water):</b> Not determined. |  |
| · <b>Viscosity:</b>   |  |
| Dynamic:  | Not determined.                            |
| Kinematic:  | Not determined.                            |
| · <b>Solvent content:</b>   |  |
| Water:  | 89.0 %                                     |
| VOC content:  | 0.00 %                                     |
| Solids content:   | 0.0 %                                      |
| · <b>Other information</b>  | 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 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.

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**· OSHA-Ca (Occupational Safety & Health Administration)**

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.
- **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

- |                                     |                 |
|-------------------------------------|-----------------|
| · <b>UN-Number</b>                  |                 |
| · <b>DOT, ADN, IMDG, IATA</b>       | not regulated   |
| · <b>UN proper shipping name</b>    |                 |
| · <b>DOT, ADN, IMDG, IATA</b>       | not regulated   |
| · <b>Transport hazard class(es)</b> |                 |
| · <b>DOT, ADN, IMDG, IATA</b>       |                 |
| · <b>Class</b>                      | not regulated   |
| · <b>Packing group</b>              |                 |
| · <b>DOT, IMDG, IATA</b>            | not regulated   |
| · <b>Environmental hazards:</b>     | Not applicable. |

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- |  |                 |
|--|-----------------|
| <b>Special precautions for user</b>  | Not applicable. |
| <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable. |
| <b>UN "Model Regulation":</b>  | 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):**

75-05-8 | acetonitrile

- TSCA (Toxic Substances Control Act):**

All components have the value ACTIVE.

- Hazardous Air Pollutants**

75-05-8 | acetonitrile

- Proposition 65**

- Chemicals known to cause cancer:**

None of the ingredients is listed.

- Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

- Carcinogenic categories**

- EPA (Environmental Protection Agency)**

75-05-8 | acetonitrile

CBD, D

- TLV (Threshold Limit Value)**

75-05-8 | acetonitrile

A4

- NIOSH-Ca (National Institute for Occupational Safety and Health)**

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

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**· Hazard statements**

Causes serious eye irritation.

**· Precautionary statements**

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.

**· Abbreviations and acronyms:**

Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A

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