

## Safety Data Sheet according to WHS Regulations

Revision Date: 11.03.2021

Issue Date: 11.03.2021

### 1 Identification

- **Product identifier**
- **Trade name:** AdvanceBio 2-AB G1F / FA2G1 N-Glycan Standard
- **Article number:** GKSB-316
- **Relevant identified uses of the substance or mixture and uses advised against**
- **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 Australia Pty Ltd  
679 Springvale Road  
Mulgrave  
Victoria 3170, Australia
- **Email:** pdl-msds\_author@agilent.com
- **Phone number:** 1800 802 402
- **Emergency telephone number:** CHEMTREC®: +(61)-290372994

### 2 Hazard(s) Identification

- **Classification of the substance or mixture**



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

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



GHS07

- **Signal word** Warning
- **Hazard-determining components of labelling:**  
anthranilamide
- **Hazard statements**  
May cause an allergic skin reaction.
- **Precautionary statements**  
If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.  
Read label before use.  
Avoid breathing dust/fume/gas/mist/vapours/spray.  
Wear protective gloves.  
Take off contaminated clothing and wash it before reuse.  
If skin irritation or rash occurs: Get medical advice/attention.  
Specific treatment (see on this label).  
Dispose of contents/container in accordance with local/regional/national/international regulations.

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

### 3 Composition and Information on Ingredients

- **Chemical characterisation: Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

|         |                |        |
|---------|----------------|--------|
| 88-68-6 | anthranilamide | 1-9.9% |
|---------|----------------|--------|

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

### 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 and to be sure call for a doctor.  
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** Cyanosis
- **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 extinguishing methods suitable to surrounding conditions.
- **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.

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See Section 13 for disposal information.

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### 7 Handling and Storage

- **Handling:**
- **Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** 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 and personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**
- **Ingredients 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 valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.
- **Respiratory protection:** Not required.
- **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**
- **Appearance:**
- **Form:** Powder
- **Colour:** Whitish
- **Odour:** Odourless

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|                                                                                                                         |                                                                          |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| · <b>Odour threshold:</b>                                                                                               | Not determined.                                                          |
| · <b>pH-value:</b>                                                                                                      | Not applicable.                                                          |
| · <b>Change in condition</b><br><b>Melting point/freezing point:</b><br><b>Initial boiling point and boiling range:</b> | Undetermined.<br>300 °C                                                  |
| · <b>Flash point:</b>                                                                                                   | Not applicable.                                                          |
| · <b>Flammability (solid, gas):</b>                                                                                     | Not determined.                                                          |
| · <b>Decomposition temperature:</b>                                                                                     | Not determined.                                                          |
| · <b>Auto-ignition temperature:</b>                                                                                     | Product is not selfigniting.                                             |
| · <b>Explosive properties:</b>                                                                                          | Product does not present an explosion hazard.                            |
| · <b>Explosion limits:</b><br><b>Lower:</b><br><b>Upper:</b>                                                            | Not determined.<br>Not determined.                                       |
| · <b>Vapour pressure:</b>                                                                                               | Not applicable.                                                          |
| · <b>Density:</b><br>· <b>Relative density</b><br>· <b>Vapour density</b><br>· <b>Evaporation rate</b>                  | Not determined.<br>Not determined.<br>Not applicable.<br>Not applicable. |
| · <b>Solubility in / Miscibility with water:</b>                                                                        | Soluble.                                                                 |
| · <b>Partition coefficient: n-octanol/water:</b>                                                                        | Not determined.                                                          |
| · <b>Viscosity:</b><br><b>Dynamic:</b><br><b>Kinematic:</b>                                                             | Not applicable.<br>Not applicable.                                       |
| · <b>Solvent content:</b>                                                                                               |                                                                          |
| <b>Solids content:</b>                                                                                                  | 100.0 %                                                                  |
| · <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.

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### 11 Toxicological Information

- **Information on toxicological effects**
- **Acute toxicity**
- **Primary irritant effect:**
- **Skin corrosion/irritation** May be harmful in contact with skin.
- **Serious eye damage/irritation** No irritating effect.
- **Respiratory or skin sensitisation** Sensitisation possible through skin contact.
- **Additional toxicological information:**  
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:  
Irritant

### 12 Ecological Information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour 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 1 (German Regulation) (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.
- **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 together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### 14 Transport information

Not Regulated, De minimis Quantities

- |                                                                                                                      |               |
|----------------------------------------------------------------------------------------------------------------------|---------------|
| <ul style="list-style-type: none"> <li>· <b>UN-Number</b></li> <li>· <b>ADG, IMDG, IATA</b></li> </ul>               | not regulated |
| <ul style="list-style-type: none"> <li>· <b>UN proper shipping name</b></li> <li>· <b>ADG, IMDG, IATA</b></li> </ul> | not regulated |

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|                                                                             |                 |
|-----------------------------------------------------------------------------|-----------------|
| · <b>Transport hazard class(es)</b>                                         |                 |
| · <b>ADG, ADN, IMDG, IATA</b>                                               |                 |
| · <b>Class</b>                                                              | not regulated   |
| · <b>Packing group</b>                                                      |                 |
| · <b>ADG, IMDG, IATA</b>                                                    | not regulated   |
| · <b>Environmental hazards:</b>                                             | Not applicable. |
| · <b>Special precautions for user</b>                                       | Not applicable. |
| · <b>Transport in bulk according to Annex II of Marpol 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

##### · Australian Inventory of Industrial Chemicals

88-68-6 | anthranilamide

##### · Standard for the Uniform Scheduling of Medicines and Poisons

None of the ingredients is listed.

##### · Australia: Priority Existing Chemicals

None of the ingredients is listed.

#### · **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).

##### · **Hazard pictograms**



GHS07

##### · **Signal word** Warning

##### · **Hazard-determining components of labelling:**

anthranilamide

##### · **Hazard statements**

May cause an allergic skin reaction.

##### · **Precautionary statements**

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

Keep out of reach of children.

Read label before use.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wear protective gloves.

Take off contaminated clothing and wash it before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

Specific treatment (see on this label).

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

##### · **Directive 2012/18/EU**

##### · **Named dangerous substances - ANNEX I** None of the ingredients is listed.

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**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**16 Other information**

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**Contact:****Abbreviations and acronyms:**

Skin Sens. 1: Skin sensitisation – Category 1

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