

# Companion Gold

## Safety Data Sheet

according to the Hazardous Substance SDS Notice 2017 (EPA)

Issue date: 5/4/2023

Version: 1.0

SDS No: 10736-0030

### SECTION 1: Identification

#### 1.1 Product identifier

Product name : Companion Gold  
Product form : Mixture  
Product code : P-0-RPR-COMPA-001

#### 1.2 Other means of identification

Other means of identification : GRPR-102

#### 1.3 Recommended use of the chemical and restrictions on use

Recommended use : plants nutrient

#### 1.4 Details of manufacturer or importer

##### Supplier

DPH Biologicals  
21417 County Road 1950 East  
Princeton, Illinois 61356  
USA  
T 914-428-1316

##### Only Representative

DPH Biologicals  
15 Hudson Road  
New Plymouth, NZ  
New Zealand

E-mail address of competent person responsible for the SDS: sds@gbk-ingelheim.de

#### 1.5. Emergency phone number

Emergency number : +64 800 450 107

### SECTION 2: Hazard identification

#### 2.1. Classification of the hazardous chemical

HSNO Approval Number : N/A

#### Classification according to the Environmental Protection Authority notices (EPA Hazardous Substances and New Organisms Act 1996)

Substance is considered non-hazardous, therefore excluded from HSNO Act

#### 2.2. GHS Label elements, including precautionary statements

##### GHS NZ labelling

No labelling applicable

#### 2.3. Other hazards which do not result in classification

No additional information available

### SECTION 3: Composition and information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the applicable regulations

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### SECTION 4: First-aid measures

#### 4.1. Description of necessary first-aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : In the event of persistent symptoms receive medical treatment. |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. |
| First-aid measures after skin contact | : Wash skin with plenty of water.                                |
| First-aid measures after eye contact  | : Rinse eyes with water as a precaution.                         |
| First-aid measures after ingestion    | : Call a poison center or a doctor if you feel unwell.           |

#### 4.2. Symptoms caused by exposure

No additional information available

#### 4.3. Medical attention and special treatment

|           |                          |
|-----------|--------------------------|
| Treatment | : Treat symptomatically. |
|-----------|--------------------------|

### SECTION 5: Fire-fighting measures

#### 5.1. Extinguishing media

|                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : Water spray. Dry powder. Foam. Carbon dioxide.                     |
| Unsuitable extinguishing media | : Do not use a solid water stream as it may scatter and spread fire. |

#### 5.2. Specific hazards arising from the chemical

|  |  |
|--|--|
| Explosion hazard                                 | : Product is not explosive.  |
| General measures                                 | : Avoid contact with eyes, skin or mucous membrane. Evacuate the danger area. Evacuate personnel to a safe area. |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released.   |

#### 5.3. Special protective equipment and precautions for fire-fighters

|                                |  |
|--------------------------------|--|
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
|--------------------------------|--|

### SECTION 6: Accidental release measures

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

|                  |  |
|------------------|--|
| General measures | : Avoid contact with eyes, skin or mucous membrane. Evacuate the danger area. Evacuate personnel to a safe area. |
|------------------|--|

##### 6.1.1. For non-emergency personnel

|                      |                            |
|----------------------|----------------------------|
| Emergency procedures | : Ventilate spillage area. |
|----------------------|----------------------------|

##### 6.1.2. For emergency responders

|                      |   |
|----------------------|---|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
|----------------------|---|

#### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and materials for containment and cleaning up

|                         |   |
|-------------------------|---|
| Methods for cleaning up | : Take up liquid spill into absorbent material. |
|-------------------------|---|

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

|                                   |   |
|-----------------------------------|---|
| Additional hazards when processed | : Avoid contact with eyes, skin or mucous membrane. |
|-----------------------------------|---|

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|                               |   |
|-------------------------------|---|
| Precautions for safe handling | : Ensure good ventilation of the work station. Wear personal protective equipment.                  |
| Hygiene measures              | : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. |

### 7.2. Conditions for safe storage, including any incompatibilities

|                              |   |
|------------------------------|---|
| Storage conditions           | : Store in a well-ventilated place. Keep cool.          |
| Information on mixed storage | : Keep away from food, drink and animal feeding stuffs. |
| Storage area                 | : Keep out of frost.                                    |

## SECTION 8: Exposure controls and personal protection

### 8.1. Control parameters - exposure standards

No additional information available

#### Exposure limit values for the other components

No additional information available

### 8.2. Monitoring methods

No additional information available

### 8.3. Engineering controls

|                                  |  |
|----------------------------------|--|
| Appropriate engineering controls | : Ensure good ventilation of the work station. |
|----------------------------------|--|

### 8.4. Individual protection measures, such as personal protective equipment (PPE)

|                                 |  |
|---------------------------------|--|
| Hand protection                 | : Chemically resistant protective gloves                                   |
| Eye protection                  | : tightly fitting safety goggles   |
| Skin and body protection        | : Wear suitable protective clothing  |
| Respiratory protection          | : In case of insufficient ventilation, wear suitable respiratory equipment |
| Environmental exposure controls | : Avoid release to the environment.  |

## SECTION 9: Physical and chemical properties

|  |                                       |
|--|---------------------------------------|
| Physical state                             | : Liquid                              |
| Appearance                                 | : Opaque.                             |
| Colour                                     | : Black                               |
| Odour                                      | : Odourless.                          |
| Odour threshold                            | : No additional information available |
| pH   | : No additional information available |
| Evaporation rate                           | : No additional information available |
| Relative evaporation rate (butylacetate=1) | : No data available                   |
| Melting point / Freezing point             | : Freezing point: < -23 °C            |
| Boiling point                              | : No data available                   |
| Flash point                                | : No data available                   |
| Auto-ignition temperature                  | : No data available                   |
| Flammability (solid, gas)                  | : Non flammable.                      |
| Vapour pressure                            | : No additional information available |
| Relative density                           | : No additional information available |
| Density                                    | : Density: 1.19 g/ml                  |
| Solubility                                 | : Water: Soluble in water             |
| Log Pow                                    | : No data available                   |
| Viscosity, dynamic                         | : No data available                   |
| Explosive properties                       | : No data available                   |
| Explosive limits                           | : No additional information available |
| Minimum ignition energy                    | : No data available                   |

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### SECTION 10: Stability and reactivity

|                                    |  |
|------------------------------------|--|
| Reactivity                         | : The product is non-reactive under normal conditions of use, storage and transport.                   |
| Chemical stability                 | : Stable under normal conditions.  |
| Possibility of hazardous reactions | : No dangerous reactions known under normal conditions of use.   |
| Conditions to avoid                | : None under recommended storage and handling conditions (see section 7).                              |
| Incompatible materials             | : No additional information available  |
| Hazardous decomposition products   | : Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

### SECTION 11: Toxicological information

#### 11.1. Toxicity

|                                   |                  |
|-----------------------------------|------------------|
| Acute toxicity (oral)             | : Not classified |
| Acute toxicity (dermal)           | : Not classified |
| Acute toxicity (inhalation)       | : Not classified |
| Skin corrosion/irritation         | : Not classified |
| Serious eye damage/irritation     | : Not classified |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity            | : Not classified |
| Carcinogenicity                   | : Not classified |
| Reproductive toxicity             | : Not classified |
| STOT-single exposure              | : Not classified |
| STOT-repeated exposure            | : Not classified |
| Aspiration hazard                 | : Not classified |

### SECTION 12: Ecological information

#### 12.1. Ecotoxicity

|   |   |
|---|---|
| Ecology - general   | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified  |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified  |
| Soil toxicity   | : Not classified  |
| Terrestrial vertebrate toxicity                           | : Not classified  |
| Terrestrial invertebrate toxicity                         | : Not classified  |

#### 12.2. Persistence and degradability

| Companion Gold                |                                     |
|-------------------------------|-------------------------------------|
| Persistence and degradability | No additional information available |

#### 12.3. Bioaccumulative potential

| Companion Gold            |                                     |
|---------------------------|-------------------------------------|
| Bioaccumulative potential | No additional information available |

#### 12.4. Mobility in soil

| Companion Gold   |                                     |
|------------------|-------------------------------------|
| Mobility in soil | No additional information available |

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### 12.5. Other adverse effects

Ozone : Not classified  
Other adverse effects : No additional information available

## SECTION 13: Disposal considerations

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

| IMDG   | IATA          | UNRTDG        |
|--|---------------|---------------|
| <b>14.1. UN number</b>                                     |               |               |
| No dangerous goods as defined by the transport regulations |               |               |
| <b>14.2. UN Proper Shipping Name</b>                       |               |               |
| Not regulated  | Not regulated | Not regulated |
| <b>14.3. Transport hazard class(es)</b>                    |               |               |
| Not regulated  | Not regulated | Not regulated |
| <b>14.4. Packing group</b>                                 |               |               |
| Not regulated  | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>                         |               |               |
| Not regulated  | Not regulated | Not regulated |
| No supplementary information available                     |               |               |

### 14.6. Special precautions for user

**Transport by road and rail**  
No data available

**Transport by sea**  
No data available

**Air transport**  
No data available

### 14.7. Transport in bulk according to IMO instruments

Not applicable

### 14.8. Hazchem or Emergency Action Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations specific for the product in question

#### Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR002571  
Group standard : Fertilisers

### 15.2. Chemical safety assessment

No additional information available

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### SECTION 16: Other information

|                            |  |
|----------------------------|--|
| Issue date                 | : 5/4/2023   |
| Abbreviations and acronyms | : <ul style="list-style-type: none"><li>ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways</li><li>ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road</li><li>ATE - Acute Toxicity Estimate</li><li>BCF - Bioconcentration factor</li><li>BLV - Biological limit value</li><li>BOD - Biochemical oxygen demand (BOD)</li><li>COD - Chemical oxygen demand (COD)</li><li>DMEL - Derived Minimal Effect level</li><li>DNEL - Derived-No Effect Level</li><li>EC-No. - European Community number</li><li>EC50 - Median effective concentration</li><li>EN - European Standard</li><li>IARC - International Agency for Research on Cancer</li><li>IATA - International Air Transport Association</li><li>IMDG - International Maritime Dangerous Goods</li><li>LC50 - Median lethal concentration</li><li>LD50 - Median lethal dose</li><li>LOAEL - Lowest Observed Adverse Effect Level</li><li>NOAEC - No-Observed Adverse Effect Concentration</li><li>NOAEL - No-Observed Adverse Effect Level</li><li>NOEC - No-Observed Effect Concentration</li><li>OECD - Organisation for Economic Co-operation and Development</li><li>OEL - Occupational Exposure Limit</li><li>PBT - Persistent Bioaccumulative Toxic</li><li>PNEC - Predicted No-Effect Concentration</li><li>RID - Regulations concerning the International Carriage of Dangerous Goods by Rail</li><li>SDS - Safety Data Sheet</li><li>STP - Sewage treatment plant</li><li>ThOD - Theoretical oxygen demand (ThOD)</li><li>TLM - Median Tolerance Limit</li><li>VOC - Volatile Organic Compounds</li><li>CAS-No. - Chemical Abstract Service number</li><li>N.O.S. - Not Otherwise Specified</li><li>vPvB - Very Persistent and Very Bioaccumulative</li><li>ED - Endocrine disrupting properties</li><li>DOT - Department of Transport</li><li>TDG - Transportation of Dangerous Goods</li><li>REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006</li><li>GHS - Globally Harmonized System of Classification, Labelling and Packaging of Chemicals</li><li>IBC-Code - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk</li><li>CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008</li><li>MARPOL 73/78 - MARPOL 73/78: International Convention for the Prevention of Pollution From Ships</li><li>ADG - Transport of Australian Dangerous Goods</li></ul> |
| Other information          | : Data of sections 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities. The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge. The delivery specifications are contained in the corresponding product sheet. This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.  |

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should therefore not be construed as guaranteeing any specific property of the product.