

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product form : Mixture  
Product name : GLOBARYLL 100

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial  
For professional use only

#### 1.2.2. Uses advised against

No additional information available

### 1.3. Details of the supplier of the safety data sheet

Q-Chem  
Brustem Industriepark-Lichtenberglaan 2019  
BE- 3800 Sint-Truiden  
T +32 11 78 57 17 - F +32 11 68 15 65  
[q-chem@skynet.be](mailto:q-chem@skynet.be) - [www.globachem.com](http://www.globachem.com)

Distributor:  
Certis Belchim B.V., Suite 5, 3 Riverside,  
Granta Park Great Abington Cambridgeshire, CB21 6AD.  
United Kingdom  
T 0044 (0)1223 894261 - F 0044 (0)1223891210  
[info.uk@certisbelchim.com](mailto:info.uk@certisbelchim.com) - [www.certisbelchim.com](http://www.certisbelchim.com)

### 1.4. Emergency telephone number

| Country        | Organisation/Company   | Address   | Emergency number         | Comment                           |
|----------------|--|---|--------------------------|-----------------------------------|
| United Kingdom | National Poisons Information Service<br>(Belfast Centre)<br>Royal Victoria Hospital                  | Grosvenor Road<br>BT12 6BA Belfast                                  | 0870 600 6266 (UK only), |                                   |
| United Kingdom | National Poisons Information Service<br>(Birmingham Centre)<br>City Hospital                         | Dudley Road<br>B18 7QH Birmingham                                   | 0344 892 0111            | Only for healthcare professionals |
| United Kingdom | National Poisons Information Service<br>(Cardiff Centre)<br>University Hospital Llandough            | Penlan Road<br>CF64 2XX Llandough                                   | 0344 892 0111            | Only for healthcare professionals |
| United Kingdom | National Poisons Information Service<br>(Edinburgh Centre)<br>Royal Infirmary of Edinburgh           | Little France Crescent<br>EH16 4SA Edinburgh                        | 0344 892 0111            | Only for healthcare professionals |
| United Kingdom | Guy's & St Thomas' Poisons Unit<br>Medical Toxicology Unit, Guy's & St<br>Thomas' Hospital Trust     | Avonley Road<br>SE14 5ER London                                     | +44 20 7188 7188         |                                   |
| United Kingdom | National Poisons Information Service<br>(Newcastle Centre)<br>Regional Drugs and Therapeutics Centre | 16/17 Framlington Place<br>Newcastle-upon-Tyne<br>NE2 4AB Newcastle | 0344 892 0111            | Only for healthcare professionals |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Serious eye damage/eye irritation, Category 1 H318  
Reproductive toxicity, Category 2 H361d  
Hazardous to the aquatic environment – Chronic Hazard, Category 3 H412  
Full text of H- and EUH-statements: see section 16

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### Adverse physicochemical, human health and environmental effects

No additional information available

## 2.2. Label elements

### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS05

GHS08

Signal word (CLP)

: Danger

Hazard statements (CLP)

: H318 - Causes serious eye damage.  
H361d - Suspected of damaging the unborn child.  
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P280 - Wear eye protection.  
P281 - Use personal protective equipment as required.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 - IF exposed or concerned: Get medical advice/attention.  
P310 - Immediately call a POISON CENTER or doctor/physician.  
P405 - Store locked up.  
P501 - Dispose of contents/container to National regulations, a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

EUH-statements

: EUH401 - To avoid risks to human health and the environment, comply with the instructions for use.

## 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name            | Product identifier | Conc. (% w/w) | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                 |
|-----------------|--------------------|---------------|---|
| 6-benzyladenine | CAS-No.: 1214-39-7 | 9.52          | Acute Tox. 4 (Oral), H302<br>Repr. 2, H361d<br>Aquatic Acute 1, H400<br>Aquatic Chronic 2, H411 |

Full text of H- and EUH-statements: see section 16

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |   |
|---------------------------------------|---|
| First-aid measures general            | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
| First-aid measures after inhalation   | : Allow affected person to breathe fresh air. Allow the victim to rest.   |
| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.                 |
| First-aid measures after eye contact  | : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.                         |
| First-aid measures after ingestion    | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.  |

#### 4.2. Most important symptoms and effects, both acute and delayed

|                  |  |
|------------------|--|
| Symptoms/effects | : Not expected to present a significant hazard under anticipated conditions of normal use. |
|------------------|--|

#### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : Foam. Dry powder. Carbon dioxide. Water spray. Sand. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.                     |

#### 5.2. Special hazards arising from the substance or mixture

No additional information available

#### 5.3. Advice for firefighters

|                                |   |
|--------------------------------|---|
| Firefighting instructions      | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection.   |

### SECTION 6: Accidental release measures

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

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

|                      |                                   |
|----------------------|-----------------------------------|
| Emergency procedures | : Evacuate unnecessary personnel. |
|----------------------|-----------------------------------|

##### 6.1.2. For emergency responders

|                      |  |
|----------------------|--|
| Protective equipment | : Equip cleanup crew with proper protection. |
| Emergency procedures | : Ventilate area.                            |

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

|                         |  |
|-------------------------|--|
| Methods for cleaning up | : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. |
|-------------------------|--|

#### 6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

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

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.  
Incompatible products : Strong bases. Strong acids.  
Incompatible materials : Sources of ignition. Direct sunlight.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

No additional information available

##### 8.1.2. Recommended monitoring procedures

No additional information available

##### 8.1.3. Air contaminants formed

No additional information available

##### 8.1.4. DNEL and PNEC

No additional information available

##### 8.1.5. Control banding

No additional information available

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

No additional information available

##### 8.2.2. Personal protection equipment

**Personal protective equipment:**

Avoid all unnecessary exposure.

**Personal protective equipment symbol(s):**



##### 8.2.2.1. Eye and face protection

**Eye protection:**

Chemical goggles or safety glasses

##### 8.2.2.2. Skin protection

**Hand protection:**

Wear protective gloves.

##### 8.2.2.3. Respiratory protection

**Respiratory protection:**

Wear appropriate mask

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### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |  |
|---|--|
| Physical state                                  | : Liquid   |
| Colour  | : light yellow.                                    |
| Odour   | : characteristic.                                  |
| Odour threshold                                 | : Not available                                    |
| Melting point                                   | : Not available                                    |
| Freezing point                                  | : Not available                                    |
| Boiling point                                   | : Not available                                    |
| Flammability                                    | : Non flammable.                                   |
| Explosive properties                            | : Product is not explosive.                        |
| Oxidising properties                            | : Non oxidizing material according to EC criteria. |
| Explosive limits                                | : Not available                                    |
| Lower explosion limit                           | : Not available                                    |
| Upper explosion limit                           | : Not available                                    |
| Flash point                                     | : > 100 °C   |
| Auto-ignition temperature                       | : > 364 °C   |
| Decomposition temperature                       | : Not available                                    |
| pH  | : Not available                                    |
| pH solution                                     | : 11.1   |
| Viscosity, kinematic                            | : Not available                                    |
| Solubility                                      | : Not available                                    |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                                    |
| Vapour pressure                                 | : Not available                                    |
| Vapour pressure at 50 °C                        | : Not available                                    |
| Density   | : 1.05 g/ml  |
| Relative density                                | : Not available                                    |
| Relative vapour density at 20 °C                | : Not available                                    |
| Particle characteristics                        | : Not applicable                                   |

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Not established.

### 10.3. Possibility of hazardous reactions

Not established.

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### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### GLOBARYLL 100

|                 |              |
|-----------------|--------------|
| LD50 oral rat   | > 2000 mg/kg |
| LD50 dermal rat | > 2000 mg/kg |

#### 6-benzyladenine (1214-39-7)

|                       |              |
|-----------------------|--------------|
| LD50 oral rat         | 814 mg/kg    |
| LD50 dermal rat       | > 2000 mg/kg |
| LC50 Inhalation - Rat | > 5 mg/l/4h  |

Skin corrosion/irritation : Not classified  
Additional information : Based on available data, the classification criteria are not met  
Serious eye damage/irritation : Causes serious eye damage.  
Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Additional information : Based on available data, the classification criteria are not met  
Carcinogenicity : Not classified  
Additional information : Based on available data, the classification criteria are not met  
Reproductive toxicity : Suspected of damaging the unborn child.  
STOT-single exposure : Not classified  
Additional information : Based on available data, the classification criteria are not met  
STOT-repeated exposure : Not classified  
Additional information : Based on available data, the classification criteria are not met  
Aspiration hazard : Not classified  
Additional information : Based on available data, the classification criteria are not met

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

#### 11.2.2. Other information

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

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Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

| GLOBARYLL 100        |   |
|----------------------|---|
| LC50 - Fish [1]      | 10 – 100 mg/l (96 h) <i>Oncorhynchus mykiss</i>     |
| EC50 - Crustacea [1] | 10 – 100 mg/l (48 h) <i>Daphnia magna</i>           |
| ErC50 algae          | 10 – 100 mg/l (72 h) <i>Scenedesmus subspicatus</i> |

| 6-benzyladenine (1214-39-7) |   |
|-----------------------------|---|
| LC50 - Fish [1]             | 10 – 100 mg/l ( <i>Brachydanio rerio</i> )  |
| EC50 - Crustacea [1]        | 10 – 100 mg/l <i>Daphnia magna</i>          |
| ErC50 algae                 | 1 – 10 mg/l ( <i>Navicula pelliculosa</i> ) |
| ErC50 other aquatic plants  | < 1 mg/l ( <i>Lemna gibba</i> )             |

### 12.2. Persistence and degradability

| GLOBARYLL 100                 |                  |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |

| 6-benzyladenine (1214-39-7)   |   |
|-------------------------------|---|
| Persistence and degradability | May cause long-term adverse effects in the environment. |

### 12.3. Bioaccumulative potential

| GLOBARYLL 100             |                  |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |

| 6-benzyladenine (1214-39-7) |                  |
|-----------------------------|------------------|
| Bioaccumulative potential   | Not established. |

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

Additional information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

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### 14.1. UN number or ID number

|               |                  |
|---------------|------------------|
| UN-No. (ADR)  | : Not applicable |
| UN-No. (IMDG) | : Not applicable |
| UN-No. (IATA) | : Not applicable |
| UN-No. (ADN)  | : Not applicable |
| UN-No. (RID)  | : Not applicable |

### 14.2. UN proper shipping name

|                             |                  |
|-----------------------------|------------------|
| Proper Shipping Name (ADR)  | : Not applicable |
| Proper Shipping Name (IMDG) | : Not applicable |
| Proper Shipping Name (IATA) | : Not applicable |
| Proper Shipping Name (ADN)  | : Not applicable |
| Proper Shipping Name (RID)  | : Not applicable |

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : Not applicable

#### IMDG

Transport hazard class(es) (IMDG) : Not applicable

#### IATA

Transport hazard class(es) (IATA) : Not applicable

#### ADN

Transport hazard class(es) (ADN) : Not applicable

#### RID

Transport hazard class(es) (RID) : Not applicable

### 14.4. Packing group

|                      |                  |
|----------------------|------------------|
| Packing group (ADR)  | : Not applicable |
| Packing group (IMDG) | : Not applicable |
| Packing group (IATA) | : Not applicable |
| Packing group (ADN)  | : Not applicable |
| Packing group (RID)  | : Not applicable |

### 14.5. Environmental hazards

|                               |  |
|-------------------------------|--|
| Dangerous for the environment | : No                                     |
| Marine pollutant              | : No                                     |
| Other information             | : No supplementary information available |

### 14.6. Special precautions for user

#### Overland transport

No data available

#### Transport by sea

No data available

#### Air transport

No data available

#### Inland waterway transport

No data available

#### Rail transport

No data available



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### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no REACH substances with Annex XVII restrictions

##### REACH Annex XIV (Authorisation List)

Contains no REACH Annex XIV substances

##### REACH Candidate List (SVHC)

Contains no substance on the REACH candidate list

##### PIC Regulation (Prior Informed Consent)

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

##### Ozone Regulation (1005/2009)

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

##### Explosives Precursors Regulation (2019/1148)

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

##### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors)

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

|                   |   |
|-------------------|---|
| Data sources      | : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. |
| Other information | : None.   |

### Full text of H- and EUH-statements:

|                     |   |
|---------------------|---|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4   |
| Aquatic Acute 1     | Hazardous to the aquatic environment – Acute Hazard, Category 1                           |
| Aquatic Chronic 2   | Hazardous to the aquatic environment – Chronic Hazard, Category 2                         |
| EUH401              | To avoid risks to human health and the environment, comply with the instructions for use. |
| H302                | Harmful if swallowed.   |

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### Full text of H- and EUH-statements:

|         |  |
|---------|--|
| H318    | Causes serious eye damage.                         |
| H361d   | Suspected of damaging the unborn child.            |
| H400    | Very toxic to aquatic life.                        |
| H411    | Toxic to aquatic life with long lasting effects.   |
| H412    | Harmful to aquatic life with long lasting effects. |
| Repr. 2 | Reproductive toxicity, Category 2                  |

Safety Data Sheet (SDS), EU

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 not therefore be construed as guaranteeing any specific property of the product.