

according to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

Designation / Trade name: HTRF (h) Cyclin B1 p-S126 Kit - Ctrl Lys 64CYCB1S1TDA

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## SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier:

**Designation / Trade name: HTRF (h) Cyclin B1 p-S126 Kit - Ctrl Lys 64CYCB1S1TDA**

CAS No.:

Index No:

EC No:

REACH No:

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

Relevant identified uses: Use of the substance or mixture for Laboratory Research use only ;

Uses advised against: Do not use for diagnostics, therapeutics or other clinical uses. ;

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

#### Supplier:

Name: CISBIO BIOASSAYS, company of Revvity Group - CBBIOA -

Address: Parc Marcel Boiteux - BP 84175 - 30200 Codolet, France

Phone : +33 4 66 79 67 05 - Fax : +33 4 66 79 67 50

E-Mail (competent person):  codolet.sds@revvity.com

### 1.4 EMERGENCY TELEPHONE NUMBER:

France - Numéro ORFILA (INRS) : + 33 (0)1 45 42 59 59

Ce numéro permet d'obtenir les coordonnées de tous les centres Anti-poison Français. Ces centres anti-poison et de toxicovigilance fournissent une aide médicale gratuite (hors coût d'appel), 24 heures sur 24 et 7 jours sur 7.

USA & Canada - Phone: 1-888-963-456 (1)

Other countries - Phone: +33 (0) 466 796 737 (2)

<https://www.cisbio.com>

<https://www.revvity.com>

(1) Available from Monday to Thursday 8:30 am to 5:30pm GMT-5 and Friday: 8:30 am to 3:00pm GMT-5

(2) Available from Monday to Friday 9:00 am to 5:30 pm GMT+2

## SECTION 2 : HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture:

| Classification in accordance with 29 CFR 1910 (OSHA HCS)                                          | Category code | Hazard statement | Precautionary statement |
|---------------------------------------------------------------------------------------------------|---------------|------------------|-------------------------|
| The substance or mixture is not classified as hazardous in accordance with 29 CFR 1910 (OSHA HCS) | None          | None             | None                    |

### 2.2 Label elements

Labelling according to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

#### Product identifier:

Designation / Trade name: HTRF (h) Cyclin B1 p-S126 Kit - Ctrl Lys 64CYCB1S1TDA

Substances contained in this product:

according to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

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#### Hazard pictograms

#### Signal word:

#### Hazard and precautionary statements:

### **2.3 Other hazards**

The mixture contains substances classified as 'Substances of Very High Concern' (SVHC) published by the European Chemicals Agency (ECHA) under article 57 of REACH at levels of 0.1% or higher. This substance or mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher ;

Adverse human health effects:

according to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

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## SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

Hazardous ingredients:

| Substance name                                                              | CAS n°    | Index n° | EC n°     | Classification in accordance with 29 CFR 1910 (OSHA HCS)                                                                                                                                                                                                                                     | Concentration (%) | SCL | M-factor |
|-----------------------------------------------------------------------------|-----------|----------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----|----------|
| 4-(2-hydroxyethyl)piperazin-1-ylethanesulphonic acid                        | 7365-45-9 |          | 230-907-9 |                                                                                                                                                                                                                                                                                              | < 3%              |     |          |
| Poly(oxy-1,2-ethanediyl), α-[4-(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy- | 9002-93-1 |          |           | Acute toxicity - Acute Tox. 4 - H302 - Oral<br>Hazardous to the aquatic environment - Aquatic Acute 1 - H400<br>Hazardous to the aquatic environment - Aquatic Chronic 1 - H410<br>Serious eye damage/eye irritation - Eye Dam. 1 - H318<br>Skin corrosion/irritation - Skin Irrit. 2 - H315 | < 1%              |     |          |

Additional information:

Full text of H- and EUH-phrases: see SECTION 16.

## SECTION 4 : FIRST AID MEASURES

### 4.1 Description of first aid measures

**General information:** Do not leave affected person unattended. ;

**Following inhalation:** In case of respiratory tract irritation, consult a physician. ;

**Following skin contact:** After contact with skin, wash immediately with water ;

**Following eye contact:** After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. ;

**Following ingestion:** Do NOT induce vomiting. ;

**Self-protection of the first aider:**

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

Symptoms: No known symptoms to date. ;

Effects:

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

Notes for the doctor:

## SECTION 5 : FIREFIGHTING MEASURES

### 5.1 Extinguishing media:

Suitable extinguishing media: This product is not flammable. Use extinguishing agent suitable for type of surrounding fire ;

according to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

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

Hazardous combustion products: /

## 5.3 *Advice for fire-fighters*

Wear Protective clothing. ;

Additional information:

# SECTION 6 : ACCIDENTAL RELEASE MEASURES

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

Emergency procedures: Provide adequate ventilation. ;

## 6.2 *Environmental precautions*

Do not allow to enter into surface water or drains. ;

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

For cleaning up: Suitable material for taking up: Absorbing material, organic ;

Other information:

## 6.4 *Reference to other sections*

Additional information:

# SECTION 7 : HANDLING AND STORAGE

## 7.1 *Precautions for safe handling*

Protective measures:

Advice on safe handling: Avoid contact with skin, eyes and clothes. ;

Fire preventions:

Do not eat, drink or smoke in areas where reagents are handled. ;

Advice on general occupational hygiene: Handle in accordance with good industrial hygiene and safety practice ;

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

Requirements for storage rooms and vessels: Keep container tightly closed. ;

Hints on storage assembly:

Materials to avoid:

Further information on storage conditions:

## 7.3 *Specific end uses*:

Recommendations on specific end uses: Observe technical data sheet. ;

according to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

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## SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

Preliminary remark:

#### 8.1.1 Occupational exposure limits:

- OSHA (USA)

| Source :              | Occupational Safety and Health Administration (OSHA) Permissible Exposure Limits (PELS) from 29 CFR 1910.1000 |           |                                                        |                                                          |                                                  |                                                    |
|-----------------------|---------------------------------------------------------------------------------------------------------------|-----------|--------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------|----------------------------------------------------|
| Substance             | EC-No.                                                                                                        | CAS-No    | OSHA Permissible Exposure Limit (PEL) 8-hour TWA (ppm) | OSHA Permissible Exposure Limit (PEL) 8-hour TWA (mg/m3) | OSHA Permissible Exposure Limit (PEL) STEL (ppm) | OSHA Permissible Exposure Limit (PEL) STEL (mg/m3) |
| 7365-45-9 / 230-907-9 | 230-907-9                                                                                                     | 7365-45-9 |                                                        |                                                          |                                                  |                                                    |

| Source :              | TRGS 903, November 2015, BAuA |           |             |           |
|-----------------------|-------------------------------|-----------|-------------|-----------|
| Substance             | EC-No.                        | CAS-No    | BGW (mg/m3) | BGW (ppm) |
| 7365-45-9 / 230-907-9 | 230-907-9                     | 7365-45-9 |             |           |

#### 8.1.2 DNEL/PNEC-values:

- DNEL worker

| Source :              | GESTIS – substance database |           |                                           |                                               |                                                  |                                           |                                              |                                               |                                                  |
|-----------------------|-----------------------------|-----------|-------------------------------------------|-----------------------------------------------|--------------------------------------------------|-------------------------------------------|----------------------------------------------|-----------------------------------------------|--------------------------------------------------|
| Substance             | EC-No.                      | CAS-No    | Acute – dermal, local effects (mg/kg/day) | Long-term – dermal, local effects (mg/kg/day) | Long-term – dermal, systemic effects (mg/kg/day) | Acute – inhalation, local effects (mg/m3) | Acute – inhalation, systemic effects (mg/m3) | Long-term – inhalation, local effects (mg/m3) | Long-term – inhalation, systemic effects (mg/m3) |
| 7365-45-9 / 230-907-9 | 230-907-9                   | 7365-45-9 |                                           |                                               |                                                  |                                           | 23.5-23.5                                    |                                               |                                                  |

- DNEL consumer

| Source :              | GESTIS – substance database |           |                                           |                                               |                                                  |                                           |                                              |                                               |                                                  |
|-----------------------|-----------------------------|-----------|-------------------------------------------|-----------------------------------------------|--------------------------------------------------|-------------------------------------------|----------------------------------------------|-----------------------------------------------|--------------------------------------------------|
| Substance             | EC-No.                      | CAS-No    | Acute – dermal, local effects (mg/kg/day) | Long-term – dermal, local effects (mg/kg/day) | Long-term – dermal, systemic effects (mg/kg/day) | Acute – inhalation, local effects (mg/m3) | Acute – inhalation, systemic effects (mg/m3) | Long-term – inhalation, local effects (mg/m3) | Long-term – inhalation, systemic effects (mg/m3) |
| 7365-45-9 / 230-907-9 | 230-907-9                   | 7365-45-9 |                                           |                                               |                                                  |                                           |                                              |                                               |                                                  |

- PNEC

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| Source :              | INERIS    |           |              |         |       |              |         |       |                      |         |       |               |         |       |              |         |       |
|-----------------------|-----------|-----------|--------------|---------|-------|--------------|---------|-------|----------------------|---------|-------|---------------|---------|-------|--------------|---------|-------|
| Substance             | EC-No.    | CAS-No    | PNEC AQUATIC |         |       |              |         |       |                      |         |       | PNEC Sediment |         |       |              |         |       |
|                       |           |           | freshwater   |         |       | marine water |         |       | intermittent release |         |       | freshwater    |         |       | marine water |         |       |
|                       |           |           | (mg/L)       | (mg/kg) | (ppm) | (mg/L)       | (mg/kg) | (ppm) | (mg/L)               | (mg/kg) | (ppm) | (mg/L)        | (mg/kg) | (ppm) | (mg/L)       | (mg/kg) | (ppm) |
| 7365-45-9 / 230-907-9 | 230-907-9 | 7365-45-9 |              |         |       |              |         |       |                      |         |       |               |         |       |              |         |       |

| Source :              | INERIS    |           |           |         |       |                             |         |       |          |         |       |                          |         |       |
|-----------------------|-----------|-----------|-----------|---------|-------|-----------------------------|---------|-------|----------|---------|-------|--------------------------|---------|-------|
| Substance             | EC-No.    | CAS-No    | Others    |         |       |                             |         |       |          |         |       |                          |         |       |
|                       |           |           | PNEC soil |         |       | PNEC sewage treatment plant |         |       | PNEC air |         |       | PNEC secondary poisoning |         |       |
|                       |           |           | (mg/L)    | (mg/kg) | (ppm) | (mg/L)                      | (mg/kg) | (ppm) | (mg/L)   | (mg/kg) | (ppm) | (mg/L)                   | (mg/kg) | (ppm) |
| 7365-45-9 / 230-907-9 | 230-907-9 | 7365-45-9 |           |         |       |                             |         |       |          |         |       |                          |         |       |

## 8.2 Exposure controls

### 8.2.1 Appropriate engineering controls:

Technical measures and appropriate working operations should be given priority over the use of personal protective equipment. See section 7

### 8.2.2 Personal protective equipment:

Eye / Face protection: Safety glasses with side-shields ;

Skin protection:Gloves ;

Respiratory protection:Ensure adequate ventilation ;

Thermal hazards:

### 8.2.3 Environmental exposure controls:

Consumer exposure control

Measures related to consumer uses of the substance (as such or in mixtures):

Measures related to the service life of the substance in articles:

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

#### Appearance

|                       |             |
|-----------------------|-------------|
| Physical state        | Liquid ;    |
| Colour                | Colorless ; |
| Odour                 |             |
| Odour threshold (ppm) |             |

|                                          | Value | Concentration (mol/L) | Method | Temperature (°C) | Pressure (kPa) | Remark |
|------------------------------------------|-------|-----------------------|--------|------------------|----------------|--------|
| pH                                       | 7     |                       |        |                  |                |        |
| Melting point (°C)                       |       |                       |        |                  |                |        |
| Freezing point (°C)                      |       |                       |        |                  |                |        |
| Initial boiling point/boiling range (°C) |       |                       |        |                  |                |        |
| Flash point (°C)                         |       |                       |        |                  |                |        |
| Evaporation rate (kg/m <sup>2</sup> /h)  |       |                       |        |                  |                |        |
| Flammability (type : ) (%)               |       |                       |        |                  |                |        |

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|                                                            |                                           |  |  |  |  |  |  |
|------------------------------------------------------------|-------------------------------------------|--|--|--|--|--|--|
| Upper/lower flammability or explosive limits               | Upper explosive limit (%)                 |  |  |  |  |  |  |
|                                                            | Lower explosive limit (%)                 |  |  |  |  |  |  |
| Vapour pressure (kPa)                                      |                                           |  |  |  |  |  |  |
| Vapour density (g/cm <sup>3</sup> )                        |                                           |  |  |  |  |  |  |
| Densities                                                  | Density (g/cm <sup>3</sup> )              |  |  |  |  |  |  |
|                                                            | Relative density (g/cm <sup>3</sup> )     |  |  |  |  |  |  |
|                                                            | Bulk density (g/cm <sup>3</sup> )         |  |  |  |  |  |  |
|                                                            | Critical density (g/cm <sup>3</sup> )     |  |  |  |  |  |  |
| Solubility (Type : ) (g/L)                                 |                                           |  |  |  |  |  |  |
| Partition coefficient (log Pow)<br>n-octanol/water at pH : |                                           |  |  |  |  |  |  |
| Auto-ignition temperature (°C)                             |                                           |  |  |  |  |  |  |
| Decomposition temperature (°C)                             |                                           |  |  |  |  |  |  |
| Decomposition energy : kJ                                  |                                           |  |  |  |  |  |  |
| Viscosity                                                  | Viscosity, dynamic (poiseuille)           |  |  |  |  |  |  |
|                                                            | Viscosity, cinematic (cm <sup>2</sup> /s) |  |  |  |  |  |  |
| Explosive properties                                       |                                           |  |  |  |  |  |  |
| Oxidising properties                                       |                                           |  |  |  |  |  |  |

## 9.2 Other information:

No other relevant data available

## SECTION 10 : STABILITY AND REACTIVITY

### 10.1 Reactivity

This material is considered to be non-reactive under normal use conditions. ;

### 10.2 Chemical stability

### 10.3 Possibility of hazardous reactions

### 10.4 Conditions to avoid:

### 10.5 Incompatible materials:

### 10.6 Hazardous decomposition products:

Does not decompose when used for intended uses. ;

## SECTION 11 : TOXICOLOGICAL INFORMATION

Toxicokinetics, metabolism and distribution

### 11.1 Information on toxicological effects

#### Substances

- Acute toxicity

#### Animal data:

according to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

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Acute oral toxicity:

| Substance name | LD50 (mg/kg) | Species | Method | Symptoms / delayed effects | Remark |
|----------------|--------------|---------|--------|----------------------------|--------|
| 9002-93-1      | 1800-1800    | Rat     |        |                            |        |

Acute dermal toxicity:

Acute inhalative toxicity:

Practical experience / human evidence:

Assessment / Classification:

General Remark:

- **Skin corrosion/irritation**

Animal data:

| Substance name | Species | Method | Exposure time | Result/evaluation | Score | Remark |
|----------------|---------|--------|---------------|-------------------|-------|--------|
| 9002-93-1      |         |        |               |                   |       |        |

In-vitro skin test method:

In-vitro skin test result:

Assessment / Classification:

- **Eye damage/irritation**

Animal data:

| Substance name | Species | Method | Exposure time | Result/evaluation | Score | Remark |
|----------------|---------|--------|---------------|-------------------|-------|--------|
| 9002-93-1      | Rabbit  |        |               | Eye irritation    |       |        |

In vitro eye test method:

In vitro eye test result:

Assessment / Classification:

- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
  - Germ cell mutagenicity:

Animal data:

Assessment / Classification:

- Carcinogenicity

Practical experience / human evidence:



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Animal data:

Other information:

Assessment / Classification:

- Reproductive toxicity

Practical experience / human evidence:

Animal data:

Other information:

Assessment / Classification:

Overall assessment on CMR properties:

- **Specific target organ toxicity (single exposure)**
  - STOT SE 1 and 2

Animal data:

Other information:

- STOT SE 3

Practical experience / human evidence:

Other information:

Assessment / Classification:

- **Specific target organ toxicity (repeated exposure)**

Practical experience / human evidence:

Animal data:

Assessment / Classification:

Other information

- **Aspiration hazard**

Practical experience / human evidence:

Experimental data: viscosity data: see SECTION 9.

Assessment / Classification:

Remark:

#### 11.1.1 Mixtures

No toxicological information is available for the mixture itself

## SECTION 12 : ECOLOGICAL INFORMATION

In case that test data regarding one endpoint/differentiation exist for the mixture itself, the classification is carried out according to the substance criteria (excluding biodegradation and bioaccumulation). If no test data exist, the criteria for

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mixture classification has to be used (calculation method)  
data of the ingredients are shown.

in this case the toxicological

### 12.1 Aquatic toxicity:

#### Acute (short-term) fish toxicity

| Source :  | Informations relatives à la réglementation VME (France) : ED 984, 07.2012 |           |             |             |               |                                      |                   |        |        |                |
|-----------|---------------------------------------------------------------------------|-----------|-------------|-------------|---------------|--------------------------------------|-------------------|--------|--------|----------------|
| Substance | EC-No.                                                                    | CAS-No    | LC50 (mg/L) | EC50 (mg/L) | Test duration | Species                              | Result/Evaluation | Method | Remark | General Remark |
| 9002-93-1 |                                                                           | 9002-93-1 | 8,9         |             | 96            | Pimephales promelas (fathead minnow) |                   |        |        |                |

#### Chronic (long-term) fish toxicity

| Source :  | Informations relatives à la réglementation VME (France) : ED 984, 07.2012 |           |             |               |         |        |        |                |
|-----------|---------------------------------------------------------------------------|-----------|-------------|---------------|---------|--------|--------|----------------|
| Substance | EC-No.                                                                    | CAS-No    | NOEC (mg/L) | Test duration | Species | Method | Remark | General Remark |
| 9002-93-1 |                                                                           | 9002-93-1 |             |               |         |        |        |                |

#### Acute (short-term) toxicity to crustacea

| Source :  | Informations relatives à la réglementation VME (France) : ED 984, 07.2012 |           |             |               |         |                    |        |        |                |
|-----------|---------------------------------------------------------------------------|-----------|-------------|---------------|---------|--------------------|--------|--------|----------------|
| Substance | EC-No.                                                                    | CAS-No    | EC50 (mg/L) | Test duration | Species | Result/ Evaluation | Method | Remark | General Remark |
| 9002-93-1 |                                                                           | 9002-93-1 | 26          | 48            |         |                    |        |        |                |

#### Chronic (long-term) toxicity to crustacea

| Source :  | Informations relatives à la réglementation VME (France) : ED 984, 07.2012 |           |             |               |         |        |        |                |
|-----------|---------------------------------------------------------------------------|-----------|-------------|---------------|---------|--------|--------|----------------|
| Substance | EC-No.                                                                    | CAS-No    | NOEC (mg/L) | Test duration | Species | Method | Remark | General Remark |
| 9002-93-1 |                                                                           | 9002-93-1 |             |               |         |        |        |                |

#### Acute (short-term) toxicity to algae and cyanobacteria

| Source :  | Informations relatives à la réglementation VME (France) : ED 984, 07.2012 |           |             |               |         |                       |        |        |                |
|-----------|---------------------------------------------------------------------------|-----------|-------------|---------------|---------|-----------------------|--------|--------|----------------|
| Substance | EC-No.                                                                    | CAS-No    | EC50 (mg/L) | Test duration | Species | Result/<br>Evaluation | Method | Remark | General Remark |
| 9002-93-1 |                                                                           | 9002-93-1 |             |               |         |                       |        |        |                |

#### Toxicity to microorganisms and other aquatic plants / organisms

| Source :  | Informations relatives à la réglementation VME (France) : ED 984, 07.2012 |           |             |         |        |        |                |
|-----------|---------------------------------------------------------------------------|-----------|-------------|---------|--------|--------|----------------|
| Substance | EC-No.                                                                    | CAS-No    | EC50 (mg/L) | Species | Method | Remark | General Remark |
| 9002-93-1 |                                                                           | 9002-93-1 |             |         |        |        |                |

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## 12.2 Persistence and degradability

### Biodegradation:

| Source :  | Informations relatives à la réglementation VME (France) : ED 984, 07.2012 |           |          |                          |                      |        |                                                                                |
|-----------|---------------------------------------------------------------------------|-----------|----------|--------------------------|----------------------|--------|--------------------------------------------------------------------------------|
| Substance | EC-No.                                                                    | CAS-No    | Inoculum | Biodegradation parameter | Degradation rate (%) | Method | Remark                                                                         |
| 9002-93-1 |                                                                           | 9002-93-1 |          | BOD (% of COD).          | 36-36                |        | In accordance with the required stability the product is poorly biodegradable. |

### Abiotic Degradation:

| Source :  |        |           |                               |                    |                  |    |        |        |
|-----------|--------|-----------|-------------------------------|--------------------|------------------|----|--------|--------|
| Substance | EC-No. | CAS-No    | Abiotic degradation test type | Half-life time (j) | Temperature (°C) | pH | Method | Remark |
| 9002-93-1 |        | 9002-93-1 |                               |                    |                  |    |        |        |

### Assessment / Classification:

## 12.3 Bioaccumulative potential

### Bioconcentration factor (BCF):

| Source :  |        |           |         |        |        |        |
|-----------|--------|-----------|---------|--------|--------|--------|
| Substance | EC-No. | CAS-No    | Species | Result | Method | Remark |
| 9002-93-1 |        | 9002-93-1 |         |        |        |        |

## 12.4 Mobility in soil

| Source :  |       |           |              |                |                                  |         |                            |                                   |                                 |        |        |
|-----------|-------|-----------|--------------|----------------|----------------------------------|---------|----------------------------|-----------------------------------|---------------------------------|--------|--------|
| Substance | EC n° | CAS n°    | Distribution | Transport type | Henry's law constant (Pa.m3/mol) | Log KOC | Half-life time in soil (j) | Half-life time in fresh water (j) | Half-life time in sea water (j) | Method | Remark |
| 9002-93-1 |       | 9002-93-1 |              |                |                                  |         |                            |                                   |                                 |        |        |

## 12.5 Results of PBT and vPvB assessment

## 12.6 Other adverse effects:

Additional ecotoxicological information:

## SECTION 13 : DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Waste treatment options:

Dispose of waste according to applicable legislation. ;

according to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

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Other disposal recommendations:

Additional information:

## SECTION 14 : TRANSPORT INFORMATION

### ADR/RID/AND/IMDG/IATA

|                            |  |
|----------------------------|--|
| UN No.                     |  |
| UN Proper shipping name    |  |
| Transport hazard class(es) |  |
| Hazard label(s)            |  |
| Packing group              |  |

### ***Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code***

#### Land transport (ADR/RID)

Classification code ADR:

Special Provisions for ADR/RID:

Limited quantities for ADR/RID:

Excepted Quantities for ADR/RID:

Packing Instructions for ADR/RID:

Special packing provisions for ADR/RID:

Mixed packing provisions:

Portable tanks and bulk containers Instructions:

Portable tanks and bulk containers Special Provisions:

ADR Tank Code:

ADR Tank special provisions:

Vehicle for tank carriage:

Special provisions for carriage Packages:

Special provisions for carriage Bulk:

Special provisions for carriage for loading, unloading and handling:

Special Provisions for carriage Operation:

Hazard identification No:

Transport category (Tunnel restriction code):

#### Sea transport (IMDG)

Marine Pollutant:

Subsidiary risk(s) for IMDG:

Packing provisions for IMDG:

Limited quantities for IMDG:

Packing instructions for IMDG:

IBC Instructions:

IBC Provisions:

IMO tank instructions:

UN tank instructions:

Tanks and bulk Provisions:

EmS :

Stowage and segregation for IMDG:

Properties and observations:

#### Inland waterway transport (ADN)

Classification Code ADN:

Special Provisions ADN:

Limited quantities ADN:

Excepted quantities ADN:

Carriage permitted:

Equipment required:

Provisions concerning loading and unloading:

Provisions concerning carriage:

Number of blue cones/lights:

Remark:

#### Air transport (ICAO-TI / IATA-DGR)

Subsidiary risk for IATA:

Excepted quantity for IATA:

Passenger and Cargo Aircraft Limited Quantities Packing Instructions:

Passenger and Cargo Aircraft Limited Quantities Maximal Net Quantity :

Passenger and Cargo Aircraft Packaging Instructions :

Passenger and Cargo Aircraft Maximal Net Quantity :

Cargo Aircraft only Packaging Instructions :

according to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

Designation / Trade name: HTRF (h) Cyclin B1 p-S126 Kit - Ctrl Lys 64CYCB1S1TDA

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Cargo Aircraft only Maximal Net Quantity :

ERG code:

Special Provisions for IATA:

## SECTION 15 : REGULATORY INFORMATION

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

### 15.2 Chemical Safety Assessment:

For the following substances of this mixture a chemical safety assessment has been carried out :

## SECTION 16 : OTHER INFORMATION

### 16.1 Indication of changes

Date of the previous version:09/04/2024

Modifications:

### 16.2 Abbreviations and acronyms:

### 16.3 Key literature references and sources for data

### 16.4 Classification for mixtures and used evaluation method according to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g):

See SECTION 2.1 (classification).

### 16.5 Relevant R-, H- and EUH-phrases (number and full text):

| Code | Hazard statments                                     |
|------|------------------------------------------------------|
| H302 | Harmful if swallowed                                 |
| H315 | Causes skin irritation                               |
| H318 | Causes serious eye damage.                           |
| H400 | Very toxic to aquatic life                           |
| H410 | Very toxic to aquatic life with long lasting effects |