

**Safety Data Sheet (SDS)** According to the REACH Regulation (EC) No. 1907/2006

**Issuing Date:** 2018-05-04

**Revision Date:** 2024-03-08

**Version:** 2

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

### 1.1. Product identifier

|                      |  |
|----------------------|--|
| <b>Product No</b>    | 12581  |
| <b>Product name</b>  | Glucose-6-Phosphate Dehydrogenase (G6PD) Activity Assay Kit  |
| <b>Kit Component</b> | 13865: Tris Assay Buffer<br>96772: G6PDH Substrate (40X)<br>80415: G6PDH Cofactor (100X)<br>49233: NADP+ (100X)<br>76535: G6PDH Developer (100X)<br>38611: G6PDH Positive Control (100X)<br>7018: PathScan® Sandwich ELISA Lysis Buffer (1X) |

### Hazardous Components

**80415: G6PDH Cofactor (100X)**

**49233: NADP+ (100X)**

**7018: PathScan® Sandwich ELISA Lysis Buffer (1X)**

### Contains

| <b>Chemical name</b>   | <b>Index No.</b> | <b>CAS No</b> |
|--|------------------|---------------|
| d-Glucose, 6-(dihydrogen phosphate), monosodium salt (90 - 100%) | -                | 54010-71-8    |
| 7-sodiooxy-3H-phenoxazin-3-one 10-oxide (90 - 100%)              | -                | 62758-13-8    |
| nadide phosphate hydrate (90 - 100%)                             | -                | 53-59-8       |
| Dehydrogenase, lipoamide (70 - 80%)                              | -                | 9001-18-7     |
| trometamol (30 - 40%)  | -                | 77-86-1       |
| acetone (0 - 10%)  | 606-001-00-8     | 67-64-1       |
| polyethylene glycol  | Not Listed       | 9002-93-1     |
| p-(1,1,3,3-tetramethylbutyl)phenylether (0 - 10%)                | 009-004-00-7     | 7681-49-4     |
| sodium fluoride (0 - 10%)  |                  |               |
| Dehydrogenase, glucose 6-phosphate (0 - 10%)                     | -                | 9001-40-5     |

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

**Identified uses** For Research Use Only. Not for Use in Diagnostic Procedures.

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

## 12581 Glucose-6-Phosphate Dehydrogenase (G6PD) Activity Assay Kit

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**Importer**

Cell Signaling Technology Europe B.V.  
Dellaertweg 9b  
2316 WZ Leiden  
The Netherlands  
TEL: +31 (0)71 7200 200  
FAX: +31 (0)71 891 0019

**Manufacturer**

Cell Signaling Technology, Inc.  
3 Trask Lane  
Danvers, MA 01923  
United States  
TEL: +1 978 867 2300  
FAX: +1 978 867 2400

**Website**

www.cellsignal.com

**E-mail Address**

info@cellsignal.eu

### 1.4. Emergency telephone number

**CHEMTREC** 24 hours a day, 7 days a week, 365 days a year  
+1 703 527 3887 (INTERNATIONAL) +1 800 424 9300 (NORTH AMERICA)

Europe

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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

|  |                     |
|--|---------------------|
| Skin corrosion/irritation                                  | Category 2 - (H315) |
| Serious eye damage/eye irritation                          | Category 2 - (H319) |
| Specific target organ toxicity - single exposure (STOT SE) | Category 3 - (H335) |

### 2.2. Label elements

**Signal word**

Warning

**Hazard statement(s)**

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

H335 - May cause respiratory irritation.

**Precautionary statement(s)**

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 - Wash face, hands and any exposed skin thoroughly after handling.

P271 - Use only outdoors or in a well-ventilated area.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 - Call a POISON CENTER or doctor if you feel unwell.

P332 + P313 - If skin irritation occurs: Get medical advice/attention.

P337 + P313 - If eye irritation persists: Get medical advice/attention.

## 12581 Glucose-6-Phosphate Dehydrogenase (G6PD) Activity Assay Kit

P362 + P364 - Take off contaminated clothing and wash it before reuse.  
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.  
P405 - Store locked up.  
P501 - Dispose of contents/container to an approved waste disposal plant.

### 2.3. Other hazards

95 % of the mixture consists of ingredient(s) of unknown acute toxicity.

For the full text of the H-phrases & EUH-phrases mentioned in this Section, see Section 16

## SECTION 3. Composition/information on ingredients

### 3.1 Substances

#### Kit Component 13865: Tris Assay Buffer

| Chemical name | CAS No  | Weight-% | EC No     | Classification (1272/2008) | REACH Registration Number |
|---------------|---------|----------|-----------|----------------------------|---------------------------|
| trometamol    | 77-86-1 | 0.45     | 201-064-4 | -                          | no data available         |

#### Kit Component 96772: G6PDH Substrate (40X)

| Chemical name  | CAS No     | Weight-% | EC No     | Classification (1272/2008) | REACH Registration Number |
|--|------------|----------|-----------|----------------------------|---------------------------|
| d-Glucose, 6-(dihydrogen phosphate), monosodium salt | 54010-71-8 | 100      | 258-921-0 | -                          | no data available         |

#### Kit Component 80415: G6PDH Cofactor (100X)

WARNING: Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

| Chemical name            | CAS No    | Weight-% | EC No     | Classification (1272/2008) | REACH Registration Number |
|--------------------------|-----------|----------|-----------|----------------------------|---------------------------|
| Dehydrogenase, lipoamide | 9001-18-7 | 60-100   | 232-587-6 | -                          | no data available         |
| trometamol               | 77-86-1   | 10-30    | 201-064-4 | -                          | no data available         |

#### Kit Component 49233: NADP+ (100X)

WARNING: Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

| Chemical name                  | CAS No  | Weight-% | EC No     | Classification (1272/2008)   | REACH Registration Number |
|--------------------------------|---------|----------|-----------|--|---------------------------|
| nicotinamide phosphate hydrate | 53-59-8 | 60-100   | 200-178-1 | -  | no data available         |
| acetone                        | 67-64-1 | 1-5      | 200-662-2 | Eye Irrit. 2 (H319)<br>STOT SE 3 (H336)<br>Flam. Liq. 2 (H225)<br>(EUH066) | no data available         |

## 12581 Glucose-6-Phosphate Dehydrogenase (G6PD) Activity Assay Kit

### Kit Component 76535: G6PDH Developer (100X)

| Chemical name                           | CAS No     | Weight-% | EC No     | Classification (1272/2008)                  | REACH Registration Number |
|---|------------|----------|-----------|---|---------------------------|
| 7-sodiooxy-3H-phenoxazin-3-one 10-oxide | 62758-13-8 | 90-100   | 263-718-5 | Skin Irrit. 2 (H315)<br>Eye Irrit. 2 (H319) | no data available         |

### Kit Component 38611: G6PDH Positive Control (100X)

| Chemical name                      | CAS No    | Weight-% | EC No     | Classification (1272/2008) | REACH Registration Number |
|------------------------------------|-----------|----------|-----------|----------------------------|---------------------------|
| trometamol                         | 77-86-1   | 5-10     | 201-064-4 | -                          | no data available         |
| Dehydrogenase, glucose 6-phosphate | 9001-40-5 | 0.1      | 232-602-6 | -                          | no data available         |

### Kit Component 7018: PathScan® Sandwich ELISA Lysis Buffer (1X)

WARNING: Causes serious eye irritation

| Chemical name   | CAS No    | Weight-% | EC No     | Classification (1272/2008)   | REACH Registration Number |
|---|-----------|----------|-----------|--|---------------------------|
| polyethylene glycol p-(1,1,3,3-tetramethylbutyl)phenylether | 9002-93-1 | 1        | 618-344-0 | Acute Tox. 4 (H302)<br>Skin Irrit. 2 (H315)<br>Eye Dam. 1 (H318)<br>Aquatic Chronic 2 (H411) | no data available         |
| sodium fluoride   | 7681-49-4 | 0.1-1    | 231-667-8 | Acute Tox. 3 (H301)<br>Skin Irrit. 2 (H315)<br>Eye Irrit. 2 (H319)<br>(EUH032)               | no data available         |

For the full text of the R-phrases mentioned in this Section, see Section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                       |  |
|-----------------------|--|
| <b>General advice</b> | Use first aid treatment according to the nature of the injury. When symptoms persist or in all cases of doubt seek medical advice.                         |
| <b>Inhalation</b>     | Move to fresh air. If not breathing, give artificial respiration. Consult a physician.   |
| <b>Skin contact</b>   | Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.             |
| <b>Eye contact</b>    | Rinse thoroughly with plenty of water, also under the eyelids. Keep eye wide open while rinsing. If symptoms persist, call a physician.                    |
| <b>Ingestion</b>      | Never give anything by mouth to an unconscious person. Clean mouth with water and afterwards drink plenty of water. If symptoms persist, call a physician. |

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

Irritating to eyes and skin.

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

Notes to physician                      Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable Extinguishing Media**            Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

**Unsuitable Extinguishing Media**        No information available

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

Thermal decomposition can lead to release of irritating gases and vapors.

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment.

## SECTION 6: Accidental release measures

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

**For non-emergency personnel**            Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment. Avoid dust formation. Avoid breathing vapors or mists. Ensure adequate ventilation. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Wash thoroughly after handling.

**For emergency responders**                Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

Do not let product enter drains. See Section 12 for more information.

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

**Methods for containment**                    Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up**                    Avoid dust formation. Sweep up and shovel into suitable containers for disposal. Keep in suitable, closed containers for disposal.

### 6.4. Reference to other sections

See Sections 8 & 13 for additional information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed. Remove and wash contaminated clothing before re-use. Ensure adequate ventilation.

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

Keep container tightly closed in a dry and well-ventilated place.

### 7.3. Specific end use(s)

## 12581 Glucose-6-Phosphate Dehydrogenase (G6PD) Activity Assay Kit

Use as a laboratory reagent.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

| Occupational exposure limit values |   |   |   |  |   |
|------------------------------------|---|---|---|--|---|
| Chemical name                      | European Union  | United Kingdom  | France  | Spain  | Germany   |
| acetone                            | TWA 500 ppm<br>TWA 1210 mg/m <sup>3</sup>   | STEL 1500 ppm<br>STEL 3620 mg/m <sup>3</sup><br>TWA 500 ppm<br>TWA 1210 mg/m <sup>3</sup> | TWA 500 ppm<br>TWA 1210 mg/m <sup>3</sup><br>STEL 1000 ppm<br>STEL 2420 mg/m <sup>3</sup> | TWA 500 ppm<br>TWA 1210 mg/m <sup>3</sup>  | TWA: 500 ppm<br>TWA: 1200 mg/m <sup>3</sup><br>Ceiling / Peak: 1000 ppm<br>Ceiling / Peak: 2400 mg/m <sup>3</sup> |
| sodium fluoride                    | TWA 2.5 mg/m <sup>3</sup>   | STEL 7.5 mg/m <sup>3</sup><br>TWA 2.5 mg/m <sup>3</sup>                                   | TWA 2 mg/m <sup>3</sup><br>TWA 2.5 mg/m <sup>3</sup>                                      | TWA 2.5 mg/m <sup>3</sup>  | TWA: 1 mg/m <sup>3</sup><br>Skin  |
| Chemical name                      | Italy   | Portugal  | Netherlands   | Finland  | Denmark   |
| acetone                            | TWA 500 ppm<br>TWA 1210 mg/m <sup>3</sup>   | TWA 500 ppm<br>STEL 750 ppm<br>C(A4)  | STEL 2420 mg/m <sup>3</sup><br>TWA 1210 mg/m <sup>3</sup>                                 | TWA 500 ppm<br>TWA 1200 mg/m <sup>3</sup><br>STEL 630 ppm<br>STEL 1500 mg/m <sup>3</sup>     | TWA 250 ppm<br>TWA 600 mg/m <sup>3</sup>  |
| sodium fluoride                    | TWA 2.5 mg/m <sup>3</sup>   | TWA 2.5 mg/m <sup>3</sup><br>C(A4)  |   | TWA 2.5 mg/m <sup>3</sup>  | TWA 2.5 mg/m <sup>3</sup>   |
| Chemical name                      | Austria   | Switzerland   | Poland  | Norway   | Ireland   |
| acetone                            | STEL 2000 ppm<br>STEL 4800 mg/m <sup>3</sup><br>TWA 500 ppm<br>TWA 1200 mg/m <sup>3</sup> | TWA 500 ppm<br>TWA 1200 mg/m <sup>3</sup><br>STEL 1000 ppm<br>STEL 2400 mg/m <sup>3</sup> | TWA 600 mg/m <sup>3</sup><br>STEL 1800 mg/m <sup>3</sup>                                  | TWA 125 ppm<br>TWA 295 mg/m <sup>3</sup><br>STEL 156.25 ppm<br>STEL 368.75 mg/m <sup>3</sup> | TWA 500 ppm<br>TWA 1210 mg/m <sup>3</sup>   |
| sodium fluoride                    |   |   | TWA 2 mg/m <sup>3</sup>   | TWA 0.5 mg/m <sup>3</sup><br>STEL 1.5 mg/m <sup>3</sup>                                      | TWA 2.5 mg/m <sup>3</sup><br>STEL 7.5 mg/m <sup>3</sup>   |

| Biological limit values |                |                |         |        |   |
|-------------------------|----------------|----------------|---------|--------|---|
| Chemical name           | European Union | United Kingdom | France  | Spain  | Germany   |
| acetone                 |                |                | 100     | 50     | Biologische Grenzwerte nach TRGS 903 sind zu beachten |
| sodium fluoride         |                |                | 3<br>10 | 2<br>3 | Biologische Grenzwerte nach TRGS 903 sind zu beachten |
| Chemical name           | Austria        | Switzerland    | Poland  | Norway | Ireland   |
| acetone                 |                | 80             |         |        |   |
| sodium fluoride         |                | 4              |         |        |   |

#### 8.2. Exposure controls

##### Appropriate engineering controls

Showers, eyewash stations, and ventilation systems.

##### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Safety glasses with side-shields.

##### Skin protection

Wear protective gloves and protective clothing

##### Hand protection

Impervious gloves.

##### Other

Wear suitable protective clothing.

##### Respiratory protection

In the case of dust or aerosol formation use respirator with an approved filter.

##### Recommended filter:

Type ABEK-P2

### Environmental Exposure Controls

No information available.

## SECTION 9. Physical and chemical properties

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

Information on the known physical chemical properties of each component within Kit are given below. If not included, information is either not available or not applicable. Refer to individual kit component SDS for further information.

**Kit Component**

Physical state

Appearance

Color

pH

**13865: Tris Assay Buffer**

Liquid

Clear

Colorless

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**Kit Component**

Physical state

Appearance

Color

**96772: G6PDH Substrate (40X)**

Solid

Powder, Lyophilized

White

**Kit Component**

Physical state

Appearance

Color

**80415: G6PDH Cofactor (100X)**

Solid

Powder, Lyophilized

Yellow

**Kit Component**

Physical state

Appearance

Color

Solubility

**49233: NADP+ (100X)**

Solid

Powder, Lyophilized

Off-white

Soluble in water

**Kit Component**

Physical state

Appearance

Color

**76535: G6PDH Developer (100X)**

Solid

Powder, Lyophilized

Grey

**Kit Component**

Physical state

Appearance

Color

**38611: G6PDH Positive Control (100X)**

Solid

Powder, Lyophilized

White

**Kit Component**

Physical state

Appearance

Color

pH

**7018: PathScan® Sandwich ELISA Lysis Buffer (1X)**

Liquid

Clear

Colorless

7.5

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No information available.

## 12581 Glucose-6-Phosphate Dehydrogenase (G6PD) Activity Assay Kit

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### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous polymerization** Hazardous polymerization does not occur.  
**Hazardous reactions** None under normal processing

### 10.4. Conditions to avoid

None known based on information supplied

### 10.5. Incompatible materials

Strong oxidizing agents.

### 10.6. Hazardous decomposition products

Carbon oxides (COx)  
Nitrogen oxides (NOx)  
Phosphorous oxides

## SECTION 11: Toxicological information

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

#### **Product Information**

This material should only be handled by, or under the close supervision of, those properly qualified in the handling and use of potentially hazardous chemicals. It should be borne in mind that the toxicological and physiological properties of this compound is not well defined.

#### **Component Information**

| Chemical name  | LD50 Oral          | LD50 Dermal         | LC50 Inhalation |
|--|--------------------|---------------------|-----------------|
| trometamol   | 5900 mg/kg ( Rat ) | -                   | -               |
| polyethylene glycol<br>p-(1,1,3,3-tetramethylbutyl)phenylet<br>her | = 1800 mg/kg (Rat) | -                   | -               |
| sodium fluoride  | = 52 mg/kg (Rat)   | = 175 mg/kg ( Rat ) | -               |

#### **Information on likely routes of exposure**

##### Inhalation

**Kit Component** **80415: G6PDH Cofactor (100X)**  
Inhalation May cause irritation of respiratory tract

**Kit Component** **49233: NADP+ (100X)**  
Inhalation Inhalation of dust in high concentration may cause irritation of respiratory system

##### Eye contact

**Kit Component** **80415: G6PDH Cofactor (100X)**  
Eye contact Irritating to eyes

**Kit Component** **49233: NADP+ (100X)**

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Eye contact Irritating to eyes

**Kit Component** **7018: PathScan® Sandwich ELISA Lysis Buffer (1X)**  
Eye contact Expected to be an irritant based on components

### Skin contact

**Kit Component** **80415: G6PDH Cofactor (100X)**  
Skin contact Irritating to skin.

**Kit Component** **49233: NADP+ (100X)**  
Skin contact Irritating to skin.

Ingestion There is no data available for this product.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Symptoms** Irritating to eyes and skin.

**Skin and Eye Corrosion/Irritation** No information available

**Sensitization** No information available

**Mutagenic effects** No information available.

**Carcinogenic effects** No information available

**Reproductive toxicity** No information available.

### **Systemic Target Organ Toxicity (STOT)**

**Kit Component** **80415: G6PDH Cofactor (100X)**  
Target Organ Effects Respiratory system

**Kit Component** **49233: NADP+ (100X)**  
Target Organ Effects Respiratory system

**Aspiration Hazard** No information available.

### 11.2. Information on other hazards

**Other adverse effects** No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Product Information** No information available

**Component Information** No information available

| Chemical name | Toxicity to algae | Toxicity to fish  | Toxicity to daphnia and other aquatic invertebrates             |
|---------------|-------------------|---|---|
| acetone       | -                 | LC50 6210 - 8120 mg/L (Pimephales promelas) 96 h LC50 8300 mg/L | EC50 12600 - 12700 mg/L (Daphnia magna) 48 h EC50 10294 - 17704 |

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|   |   |  |   |
|---|---|--|---|
|   |   | (Lepomis macrochirus) 96 h LC50 4.74 - 6.33 mg/L (Oncorhynchus mykiss) 96 h  | mg/L (Daphnia magna) 48 h   |
| polyethylene glycol p-(1,1,3,3-tetramethylbutyl)phenylether | -   | LC50 8.9 mg/l (Pimephales promelas) 96 h   | EC50 26 mg/l (Daphnia) 48 h   |
| sodium fluoride   | EC50 850 mg/L (Desmodesmus subspicatus) 72 h EC50 272 mg/L (Pseudokirchneriella subcapitata) 96 h | LC50 530 mg/L (Lepomis macrochirus) 96 h<br>LC50 180 mg/L (Pimephales promelas) 96 h<br>LC50 38 - 68 mg/L (Oncorhynchus mykiss) 96 h<br>LC50 830 mg/L (Lepomis macrochirus) 96 h | EC50 98 mg/L (Daphnia magna) 48 h<br>EC50 338 mg/L (Daphnia magna) 48 h |

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential

| Chemical name | Octanol-Water Partition Coefficient |
|---------------|-------------------------------------|
| acetone       | -0.24                               |

### 12.4. Mobility in soil

No information available.

### 12.5. Results of PBT and vPvB assessment

No information available.

### 12.6. Endocrine disrupting properties

| Chemical name   | EU - Endocrine Disruptors Candidate List  | EU - Endocrine Disruptors - Evaluated Substances | Japan - Endocrine Disruptor Information |
|---|---|--|---|
| polyethylene glycol p-(1,1,3,3-tetramethylbutyl)phenylether | Reason for inclusion Endocrine disrupting properties, Article 57f - environment | -  | -                                       |

### 12.7. Other adverse effects

No information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Waste from residues / unused products

Dispose of in accordance with local regulations.

#### Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

#### Other information

Waste codes should be assigned by the user based on the application for which the product was used.

## SECTION 14: Transport information

### IMDG/IMO

## 12581 Glucose-6-Phosphate Dehydrogenase (G6PD) Activity Assay Kit

|  |               |
|--|---------------|
| 14.1 UN number   | Not regulated |
| 14.2 UN proper shipping name                                 | Not regulated |
| 14.3 Transport hazard class(es)                              | Not regulated |
| 14.4 Packing group   | Not regulated |
| 14.5 Environmental hazards                                   | None          |
| 14.6 Special precautions for user                            | None          |
| 14.7 Maritime transport in bulk according to IMO instruments | Not regulated |

### ADR/RID

|                                   |               |
|-----------------------------------|---------------|
| 14.1 UN number                    | Not regulated |
| 14.2 UN proper shipping name      | Not regulated |
| 14.3 Transport hazard class(es)   | Not regulated |
| 14.4 Packing group                | Not regulated |
| 14.5 Environmental hazards        | None          |
| 14.6 Special precautions for user | None          |

### IATA

|                                   |               |
|-----------------------------------|---------------|
| 14.1 UN number                    | Not regulated |
| 14.2 UN proper shipping name      | Not regulated |
| 14.3 Transport hazard class(es)   | Not regulated |
| 14.4 Packing group                | Not regulated |
| 14.5 Environmental hazards        | None          |
| 14.6 Special precautions for user | None          |

## SECTION 15: Regulatory information

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

#### Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)

| Chemical name   | Candidate List of Substances of Very High Concern for Authorization Information | REACH Annex XVII |
|---|---|------------------|
| polyethylene glycol p-(1,1,3,3-tetramethylbutyl)phenylether (0 - 10%) | Reason for inclusion Endocrine disrupting properties, Article 57f - environment | -                |

#### SEVESO Directive Information

This product does not contain substances identified in the SEVESO Directive.

#### International inventories

|               |   |
|---------------|---|
| TSCA 8(b)     | - |
| DSL/NDSL      | - |
| EINECS/ELINCS | - |
| ENCS          | - |
| IECSC         | - |
| KECL          | - |
| PICCS         | - |
| AICS          | - |

#### International inventories legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

### **15.2. Chemical safety assessment**

For this substance a chemical safety assessment has not been carried out

## **SECTION 16: Other information**

### **Full text of H-Statements referred to under Sections 2 and 3**

H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
H335 - May cause respiratory irritation

**Classification procedure:** Expert judgment and weight of evidence determination.  
**Issuing Date:** 2018-05-04  
**Revision Date:** 2024-03-08

#### **Disclaimer**

**The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.**