Safety data sheet
according to UK REACH

Revision Date: 08.10.2026 Issue Date: 08.10.2026

1 Identification of the substance/mixture and of the company/undertaking

· **Product identifier**

· **Trade name:** Streptavidin-R-Phycoerythrin (ver 7),0.25 mg; Streptavidin-R-Phycoerythrin (ver 7),1 mg; Streptavidin-R-Phycoerythrin (ver 7), 10 mg; Streptavidin-R-Phycoerythrin (ver 7), 50 mg

· **Article number:** PJRS301-SX, PJRS301-1, PJRS301-10, PJRS301-50

· **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.

· **Application of the substance / the mixture**
For Research and Development Only. Reagents and Standards for Analytical Chemical Laboratory Use.

· **Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**
Agilent Technologies LDA UK Ltd.
5500 Lakeside Cheadle Royal Business Park,
Cheadle, Cheshire, SK8 3GR
United Kingdom

· **Email:** pdl-msds_author@agilent.com

· **Phone number:** +44 (0) 345 712 5292

· **Emergency telephone number:** CHEMTREC®: +(44)-870-8200418

2 Hazards identification

· **Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008**
The product is not classified, according to the GB CLP regulation.

· **Label elements**

· **Labelling according to Regulation (EC) No 1272/2008** Void

· **Hazard pictograms** Void

· **Signal word** Void

· **Hazard statements** Void

· **Precautionary statements**

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P401	Store in accordance with local/regional/national/international regulations.
P410	Protect from sunlight.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable

· **vPvB:** Not applicable

(Contd. on page 2)

Safety data sheet
according to UK REACH

Revision Date: 08.10.2026 Issue Date: 08.10.2026

Trade name: Streptavidin-R-Phycoerythrin (ver 7),0.25 mg; Streptavidin-R-Phycoerythrin (ver 7),1 mg; Streptavidin-R-Phycoerythrin (ver 7), 10 mg; Streptavidin-R-Phycoerythrin (ver 7), 50 mg

(Contd. of page 1)

3 Composition/information on ingredients

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

· **Dangerous components:** Void
· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

4 First aid measures

· **Description of first aid measures**
· **General information:** No special measures required.
· **After inhalation:** Supply fresh air; consult doctor in case of complaints.
· **After skin contact:** Generally the product does not irritate the skin.
· **After eye contact:** Rinse opened eye for several minutes under running water.
· **After swallowing:** If symptoms persist consult doctor.
· **Information for doctor:**
· **Most important symptoms and effects, both acute and delayed** No further relevant information available.
· **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

5 Firefighting measures

· **Extinguishing media**
· **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
· **Special hazards arising from the substance or mixture** No further relevant information available.
· **Advice for firefighters**
· **Protective equipment:** No special measures required.

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures**
Wear protective gloves / eye protection / face protection.
· **Environmental precautions:** Dilute with plenty of water.
· **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
· **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

· **Handling:**
· **Precautions for safe handling** Wear protective gloves / eye protection / face protection.
· **Information about fire - and explosion protection:** No special measures required.

(Contd. on page 3)

Safety data sheet
according to UK REACH

Revision Date: 08.10.2026 Issue Date: 08.10.2026

Trade name: Streptavidin-R-Phycoerythrin (ver 7),0.25 mg; Streptavidin-R-Phycoerythrin (ver 7),1 mg; Streptavidin-R-Phycoerythrin (ver 7), 10 mg; Streptavidin-R-Phycoerythrin (ver 7), 50 mg

(Contd. of page 2)

· **Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:** No special requirements.
· **Information about storage in one common storage facility:** Not required
· **Further information about storage conditions:** None.
· **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see section 7.

· **Control parameters**
· **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
· **Additional information:** The lists valid during the making were used as basis.

· **Exposure controls**
· **Personal protective equipment:**
· **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
· **Respiratory protection:** Not required
· **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
· **Material of gloves** Wear suitable gloves.
· **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
· **Eye protection:** Wear eye protection / face protection.

9 Physical and chemical properties

· **Information on basic physical and chemical properties**	
· **General Information**	
· **Appearance:**	
Form:	Liquid
Colour:	Red
· **Odour:**	Not determined
· **Odour threshold:**	Not determined
· **pH-value at 20 °C:**	8.2
· **Change in condition**	
Melting point/freezing point:	0 °C
Initial boiling point and boiling range:	100 °C
· **Flash point:**	Not applicable
· **Flammability**	Not applicable
· **Decomposition temperature:**	Not determined

(Contd. on page 4)

Safety data sheet
according to UK REACH

Trade name: Streptavidin-R-Phycoerythrin (ver 7),0.25 mg; Streptavidin-R-Phycoerythrin (ver 7),1 mg; Streptavidin-R-Phycoerythrin (ver 7), 10 mg; Streptavidin-R-Phycoerythrin (ver 7), 50 mg

(Contd. of page 3)

· **Ignition temperature:**	Product is not selfigniting.
· **Explosive properties:**	Product does not present an explosion hazard.
· **Explosion limits:**	
Lower:	Not determined
Upper:	Not determined
· **Vapour pressure at 20 °C:**	23 hPa
· **Density at 20 °C:**	1 g/cm³
· **Relative density**	Not determined
· **Vapour density**	Not determined
· **Evaporation rate**	Not determined
· **Solubility in / Miscibility with water:**	Fully miscible.
· **Partition coefficient: n-octanol/water:**	Not determined
· **Viscosity:**	
Dynamic at 20 °C:	0.952 mPas
Kinematic:	Not determined
· **Solvent content:**	
Water:	98.8 %
Solids content:	1.0 %
· **Other information**	No further relevant information available.

10 Stability and reactivity

· **Reactivity** No further relevant information available.
· **Chemical stability**
· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **Possibility of hazardous reactions** No dangerous reactions known.
· **Conditions to avoid** No further relevant information available.
· **Incompatible materials:** No further relevant information available.
· **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

· **Information on toxicological effects**
· **Acute toxicity** Based on available data, the classification criteria are not met.
· **Primary irritant effect:**
· **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
· **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
· **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
· **Additional toxicological information:**
· **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**
· **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

(Contd. on page 5)

Safety data sheet
according to UK REACH

Trade name: Streptavidin-R-Phycoerythrin (ver 7),0.25 mg; Streptavidin-R-Phycoerythrin (ver 7),1 mg; Streptavidin-R-Phycoerythrin (ver 7), 10 mg; Streptavidin-R-Phycoerythrin (ver 7), 50 mg

(Contd. of page 4)

· **Carcinogenicity** Based on available data, the classification criteria are not met.
· **Reproductive toxicity** Based on available data, the classification criteria are not met.
· **STOT-single exposure** Based on available data, the classification criteria are not met.
· **STOT-repeated exposure** Based on available data, the classification criteria are not met.
· **Aspiration hazard** Based on available data, the classification criteria are not met.

12 Ecological information

· **Toxicity**
· **Aquatic toxicity:** No further relevant information available.
· **Persistence and degradability** No further relevant information available.
· **Behaviour in environmental systems:**
· **Bioaccumulative potential** No further relevant information available.
· **Mobility in soil** No further relevant information available.
· **Additional ecological information:**
· **General notes:** Not hazardous for water.
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable
· **vPvB:** Not applicable
· **Other adverse effects** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods**
· **Recommendation** Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Uncleaned packaging:**
· **Recommendation:** Disposal must be made according to official regulations.
· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

· **UN-Number** · **ADR/RID/ADN, ADN, IMDG, IATA**	not regulated
· **UN proper shipping name** · **ADR/RID/ADN, ADN, IMDG, IATA**	not regulated
· **Transport hazard class(es)** · **ADR/RID/ADN, ADN, IMDG, IATA** · **Class**	not regulated
· **Packing group** · **ADR/RID/ADN, IMDG, IATA**	not regulated
· **Environmental hazards:**	Not applicable

(Contd. on page 6)

Safety data sheet
according to UK REACH

Trade name: Streptavidin-R-Phycoerythrin (ver 7),0.25 mg; Streptavidin-R-Phycoerythrin (ver 7),1 mg; Streptavidin-R-Phycoerythrin (ver 7), 10 mg; Streptavidin-R-Phycoerythrin (ver 7), 50 mg

(Contd. of page 5)

· **Special precautions for user**	Not applicable
· **Transport in bulk according to Annex II of Marpol and the IBC Code**	Not applicable
· **UN "Model Regulation":**	not regulated

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**
· **Poisons Act**

· **Regulated explosives precursors**
None of the ingredients is listed.

· **Regulated poisons**
None of the ingredients is listed.

· **Reportable explosives precursors**
None of the ingredients is listed.

· **Reportable poisons**
None of the ingredients is listed.

· **Directive 2012/18/EU**
· **Named dangerous substances - ANNEX I** None of the ingredients is listed.
· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

The information contained in this document is based on Agilent's state of knowledge at the time of preparation. No warranty as to its accurateness, completeness or suitability for a particular purpose is expressed or implied.