03/01/2024	Kit Components
Product code	Description
B024-112	AutoDELFIA Neonatal 17a-OH-progesterone kit B024-104Z, B024-112, B024-112Z, B024-112J, B024- 01C
Components:	
13806174	17-OHP-Eu (~40 nmol/L)
13806175	17-OHP Antiserum

17-OHP assay buffer

13802021



Page 1/6

# Safety Data Sheet according to HPR, Schedule 1

Printing date 03/01/2024

Reviewed on 03/01/2024

Idantification	
Identification	
Product identifier	
Trade name: <u>17-OHP-Eu (~40 nmol/L)</u>	
Article number: 13806174 Application of the substance / the mixture In vitro diagnostics Laboratory chemicals	
Details of the supplier of the safety data sheet Manufacturer/Supplier: Revvity Inc. Wallac Oy P.O. Box 10 FI-20101 Turku Finland +358 2 2678 111	
Information department: Product safety department. MSDS_Turku@revvity.com Emergency telephone number: CHEMTREC (within U.S.) 800 424-9300 CHEMTREC (from outside U.S.) +1-703-572-3887	
Harmad : Acadi Condina	
Classification of the substance or mixture	n (GHS)
Classification of the substance or mixture The product is not classified, according to the Globally Harmonized Syster Label elements GHS label elements Hazard pictograms Void Signal word Void Hazard statements Void Classification system:	n (GHS).
Hazard identificationClassification of the substance or mixtureThe product is not classified, according to the Globally Harmonized SystemLabel elementsGHS label elementsHazard pictograms VoidSignal word VoidHazard statements VoidClassification system:NFPA ratings (scale 0 - 4)Health = 1 Fire = 0 Reactivity = 0	n (GHS).
Classification of the substance or mixture The product is not classified, according to the Globally Harmonized System Label elements GHS label elements Hazard pictograms Void Signal word Void Hazard statements Void Classification system: NFPA ratings (scale $0 - 4$ ) Health = 1 Fire = 0	n (GHS).

# 3 Composition/Information on ingredients

• Chemical characterization: Mixtures

 $\cdot \textit{Description: Mixture of the substances listed below with nonhazardous additions.}$ 

· Dangerous components: Void

(Contd. on page 2)

CA

Printing date 03/01/2024

Reviewed on 03/01/2024

Trade name: 17-OHP-Eu (~40 nmol/L)

		(Contd. of page 1)
U	· Other ingredients	
9004-54-0	Dextran 10	50-75% w/w
7647-14-5	sodium chloride	10-20% w/w
77-86-1	trometamol	5-10% w/w
90604-29-8	Albumins, blood plasma, Cohn fraction V	≤2.5% w/w
26628-22-8	sodium azide	<1% w/w

# 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** Fire-fighting measures

- · Extinguishing media
- · Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- 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 Not required.
- · Environmental precautions: No special measures required.
- · Methods and material for containment and cleaning up: Pick up mechanically.
- · 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* No special measures required.
- · Information about protection against explosions and fires: No special measures required.
- · 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.

(Contd. on page 3)

Printing date 03/01/2024

Reviewed on 03/01/2024

Trade name: 17-OHP-Eu (~40 nmol/L)

(Contd. of page 2)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.         Due to missing tests no recommendation to the glove material can be given for the product/ the preparation the chemical mixture.         Selection of the glove material on consideration of the penetration times, rates of diffusion and degradation         Material of gloves         The selection of the suitable gloves does not only depend on the material, but also on further marks of qua and varies from manufacturer to manufacturer. As the product is a preparation of several substances, resistance of the glove material can not be calculated in advance and has therefore to be checked prior to application.         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 observed.         Eye protection: Not required.       Event of the solid and chemical properties         General Information on basic physical and chemical properties       General Information         Appearance:       Form:       Solid material         Color:       White       Odor the applicable.         Odor threshold:       Not applicable.       Elemend.         PH-value:       Not applicable.       Flamability (solid, gaseous):       Not determined.         Divertion:       Not determined.       Elemonability (solid, gaseous):       Not determined.         Displicable.       Flamamability (solid, gaseous):       Not determined.		
Components 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 monitored at the workplace. Additional information: The lists that were valid during the creation were used as basis. Exposure controls Personal protective equipment: General protective equipment: Not required. Protection of hands: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product the preparation. Due to missing tests no recommendation to the glove material can be given for the product the preparation degradation Material of gloves The selection of the glove material on consideration of the penetration times, rates of diffusion and degradation Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of qua and varies from manufacturer to manufacturer. As the product is a preparation of several substances, resistance of the glove material can not be calculated in advance and has therefore to be checked prior to application. 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 observed. Eye protection: Not required. Physical and chemical properties Form: Solid material Color: White Odor: Characteristic Odor threshold: Not applicable. Change in condition Melting point/Melting range: Undetermined. Boiling point/Melting range: Undetermined. Boiling point/Melting range: Not determined. Boiling point/Melting range: Not determined. Boiling point/Melting range: Product is not selfigniting. Danger of explosion: Product does not present an explosion hazard. Explosion limits: Lower: Not determined.		<b>in of technical systems:</b> No further data; see section 7.
Exposure controls Personal protective equipment: General protective equipment: The usual precautionary measures for handling chemicals should be followed. Breathing equipment: Not required. Protection of hands: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparatit the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and degradation Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of qua and varies from manufacturer to manufacturer. As the product is a preparation of several substances, resistance of the glove material can not be calculated in advance and has therefore to be checked prior to application. 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 observed. Eye protection: Not required.  Physical and chemical properties Information on basic physical and chemical properties General Information Appearance: Form: Solid material Color: White Odor: Characteristic Odor threshold: Not determined. pH-value: Not applicable.  Charage in condition Meeting point/Meiting range: 100 °C Flash point: Not applicable.  Flammability (solid, gaseous): Not determined. Boiling point/Boiling range: Product is not selfigniting. Dange of explosion: Product does not present an explosion hazard. Explosion limits: Lower: Not determined.	<b>Components with limit values that</b> The product does not contain any monitored at the workplace.	y relevant quantities of materials with critical values that have to
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Printing date 03/01/2024

Reviewed on 03/01/2024

Trade name: 17-OHP-Eu (~40 nmol/L)

		(Contd. of page 3
· Vapor pressure at 20 °C:	23 hPa	
· Density:	Not determined.	
· Relative density	Not determined.	
· Vapor density	Not applicable.	
· Evaporation rate	Not applicable.	
· Solubility in / Miscibility with		
Water:	Insoluble.	
· Partition coefficient (n-octanol/	water): Not determined.	
· Viscosity:		
Dynamic:	Not applicable.	
Kinematic:	Not applicable.	
· Solvent content:		
Solids content:	100.0 %	
• 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:

#### · LD/LC50 values that are relevant for classification:

#### 26628-22-8 sodium azide

OralLD50 (dynamic)27 mg/kg (rat)DermalLD5020 mg/kg (rabbit)

· Primary irritant effect:

• on the skin: No irritant effect.

• on the eye: No irritating effect.

• Sensitization: No sensitizing effects known.

· Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

#### · Carcinogenic categories

· IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

(Contd. on page 5)

Printing date 03/01/2024

Reviewed on 03/01/2024

(Contd. of page 4)

Trade name: 17-OHP-Eu (~40 nmol/L)

#### · NTP (National Toxicology Program)

None of the ingredients is listed.

### **12 Ecological information**

- · Toxicity
- · Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.
- · Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- · *Mobility in soil* No further relevant information available.
- Additional ecological information:
- · General notes: Water hazard class 1 (Self-assessment): slightly 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:* Smaller quantities can be disposed of with household waste.
- · Uncleaned packagings:
- · Recommendation: Hand over to hazardous waste disposers.
- *Recommended cleansing agent: Water, if necessary with cleansing agents.*

14 Transport information	
· UN-Number · DOT/TDG, ADR, ADN, IMDG, IATA	Void
· UN proper shipping name · DOT/TDG, ADR, ADN, IMDG, IATA	Void
· Transport hazard class(es)	
· DOT, ADR, ADN, IMDG, IATA · Class	Void
· Packing group · DOT/TDG, ADR, IMDG, IATA	Void
• Environmental hazards: • Marine pollutant:	No
· Special precautions for user	Not applicable.
• Transport in bulk according to Annex II MARPOL73/78 and the IBC Code	of Not applicable.
· UN "Model Regulation":	Void

### **15 Regulatory information**

• Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.

(Contd. on page 6)

Printing date 03/01/2024

Reviewed on 03/01/2024

Trade name: 17-OHP-Eu (~40 nmol/L)

Sara	(Contd. of page
Section 355 (extremely hazardous substances):	
26628-22-8 sodium azide	
Section 313 (Specific toxic chemical listings):	
26628-22-8 sodium azide	
TSCA (Toxic Substances Control Act):	
9004-54-0 Dextran 10	ACTIV
7647-14-5 sodium chloride	ACTIV
77-86-1 trometamol	ACTIV
26628-22-8 sodium azide	ACTIV
Canadian substance listings:	
Canadian Domestic Substances List (DSL)	
9004-54-0 Dextran 10	
7647-14-5 sodium chloride	
77-86-1 trometamol	
26628-22-8 sodium azide	
Canadian Non-Domestic Substances List (NDSL)	
None of the ingredients is listed.	
Canadian Ingredient Disclosure list (limit 0.1%)	
None of the ingredients is listed.	
Canadian Ingredient Disclosure list (limit 1%)	
None of the ingredients is listed.	

• Hazard statements Void

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

# **16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- · Department issuing SDS: Product safety department.
- · Contact: MSDS\_Turku@revvity.com
- Date of the latest revision of the safety data sheet 03/01/2024
- Abbreviations and acronyms:
- IMDG: International Maritime Code for Dangerous Goods
- DOT: US Department of Transportation
- IATA: International Air Transport Association
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- NFPA: National Fire Protection Association (USA)
- HMIS: Hazardous Materials Identification System (USA)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative



Page 1/6

# Safety Data Sheet according to HPR, Schedule 1

Printing date 03/01/2024

Reviewed on 03/01/2024

Identification		
Product identifier		
Trade name: <u>17-OHP Antiserun</u>	<u>n</u>	
Article number: 13806175 Application of the substance / th In vitro diagnostics Laboratory chemicals	e mixture	
Details of the supplier of the saf Manufacturer/Supplier: Revvity Inc. Wallac Oy P.O. Box 10 FI-20101 Turku Finland +358 2 2678 111	ety data sheet	
Information department: Product safety department.		
MSDS_Turku@revvity.com		
MSDS_Turku@revvity.com Emergency telephone number: CHEMTREC (within U.S.) 800 4 CHEMTREC (from outside U.S.) Hazard identification Classification of the substance of	+1-703-572-3887 r mixture	
MSDS_Turku@revvity.com Emergency telephone number: CHEMTREC (within U.S.) 800 4 CHEMTREC (from outside U.S.) Hazard identification Classification of the substance of The product is not classified, acc	+1-703-572-3887	
MSDS_Turku@revvity.com Emergency telephone number: CHEMTREC (within U.S.) 800 4 CHEMTREC (from outside U.S.) Hazard identification Classification of the substance of The product is not classified, acc Label elements GHS label elements	+1-703-572-3887 r mixture	
MSDS_Turku@revvity.com Emergency telephone number: CHEMTREC (within U.S.) 800 4 CHEMTREC (from outside U.S.) Hazard identification Classification of the substance of The product is not classified, acc Label elements GHS label elements Hazard pictograms Void	+1-703-572-3887 r mixture	
MSDS_Turku@revvity.com Emergency telephone number: CHEMTREC (within U.S.) 800 4 CHEMTREC (from outside U.S.) Hazard identification Classification of the substance of The product is not classified, acc Label elements GHS label elements Hazard pictograms Void Signal word Void Hazard statements Void	+1-703-572-3887 r mixture	
MSDS_Turku@revvity.com Emergency telephone number: CHEMTREC (within U.S.) 800 4 CHEMTREC (from outside U.S.) Hazard identification Classification of the substance of The product is not classified, acc Label elements GHS label elements Hazard pictograms Void Signal word Void Hazard statements Void Classification system:	+1-703-572-3887 r mixture	
MSDS_Turku@revvity.com Emergency telephone number: CHEMTREC (within U.S.) 800 4 CHEMTREC (from outside U.S.) Hazard identification Classification of the substance of The product is not classified, acc Label elements GHS label elements Hazard pictograms Void Signal word Void Hazard statements Void Classification system: NFPA ratings (scale 0 - 4)	+1-703-572-3887 r mixture	
MSDS_Turku@revvity.com Emergency telephone number: CHEMTREC (within U.S.) 800 4 CHEMTREC (from outside U.S.) Hazard identification Classification of the substance of The product is not classified, acc Label elements GHS label elements Hazard pictograms Void Signal word Void Hazard statements Void Classification system:	+1-703-572-3887 r mixture	
$MSDS\_Turku@revvity.com$ $Emergency telephone number:$ $CHEMTREC (within U.S.) 800 4$ $CHEMTREC (from outside U.S.)$ $Hazard identification$ $Classification of the substance of the product is not classified, accomposed on the product is not clas$	+1-703-572-3887 r mixture	

# 3 Composition/Information on ingredients

• Chemical characterization: Mixtures

 $\cdot \textit{Description: Mixture of the substances listed below with nonhazardous additions.}$ 

· Dangerous components: Void

(Contd. on page 2)

CA

Printing date 03/01/2024

Reviewed on 03/01/2024

Trade name: 17-OHP Antiserum

		(Contd. of page 1)	
U	· Other ingredients		
7732-18-5	water	90-100% w/w	
7647-14-5	sodium chloride	<1% w/w	
77-86-1	trometamol	<1% w/w	
	Albumins, blood plasma, Cohn fraction V	<0.1% w/w	
26628-22-8	sodium azide	<0.1% w/w	

### 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** Fire-fighting measures

- · Extinguishing media
- Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- 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 Not required.
- 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
- No dangerous substances are released.
- 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 No special measures required.
- · Information about protection against explosions and fires: No special measures required.
- · 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.

(Contd. on page 3)

(Contd. of page 2)

# Safety Data Sheet according to HPR, Schedule 1

Printing date 03/01/2024

Reviewed on 03/01/2024

Trade name: 17-OHP Antiserum

• *Specific end use(s) No further relevant information available.* 

# 8 Exposure controls/ Personal protection

• Additional information about design of technical systems: No further data; see section 7.

- · Control parameters
- Components 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 that were valid during the creation were used as basis.
- · Exposure controls
- · Personal protective equipment:
- General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

- Breathing equipment: Not required.
- Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· 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: Goggles recommended during refilling.

# 9 Physical and chemical properties

General Information Appearance:		
Form:	Liquid	
Color:	Colorless	
Odor:	Sulphurous	
Odor threshold:	Not determined.	
pH-value at 20 °C:	7.75	
Change in condition		
Melting point/Melting range:	$0 \ ^{\circ}C$	
Boiling point/Boiling range:	100 °C	
Flash point:	Not applicable.	
Flammability (solid, gaseous):	Not applicable.	
Decomposition temperature:	Not determined.	
Ignition temperature:	Product is not selfigniting.	
Danger of explosion:	Product does not present an explosion hazard.	
Explosion limits:		
Lower:	Not determined.	

on page 4)

CA

Printing date 03/01/2024

Reviewed on 03/01/2024

Trade name: 17-OHP Antiserum

		(Contd. of page 3)
Upper:	Not determined.	
· Vapor pressure at 20 °C:	23 hPa	
· Density at 20 °C:	1.02 g/cm <sup>3</sup>	
Relative density	Not determined.	
· Vapor density	Not determined.	
· Evaporation rate	Not determined.	
• Solubility in / Miscibility with		
Water:	Fully miscible.	
· Partition coefficient (n-octanol/wa	ter): Not determined.	
· Viscosity:		
Dynamic at 20 °C:	0.952 mPas	
Kinematic:	Not determined.	
· Solvent content:		
Water:	98.0 %	
Solids content:	0.0 %	
· 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:
- Primary irritant effect:
- on the skin: No irritant effect.
- on the eye: No irritating effect.
- Sensitization: No sensitizing effects known.
- Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

#### · Carcinogenic categories

· IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

#### · NTP (National Toxicology Program)

None of the ingredients is listed.

(Contd. on page 5)

Printing date 03/01/2024

Reviewed on 03/01/2024

#### Trade name: 17-OHP Antiserum

(Contd. of page 4)

# **12 Ecological information**

- · Toxicity
- · Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.
- · Behavior 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: Smaller quantities can be disposed of with household waste.
- · Uncleaned packagings:
- · Recommendation: Hand over to hazardous waste disposers.
- · Recommended cleansing agent: Water, if necessary with cleansing agents.

# **14 Transport information**

14 Transport information	
· UN-Number · DOT/TDG, ADR, ADN, IMDG, IATA	Void
· UN proper shipping name · DOT/TDG, ADR, ADN, IMDG, IATA	Void
· Transport hazard class(es)	
· DOT, ADR, ADN, IMDG, IATA · Class	Void
· Packing group · DOT/TDG, ADR, IMDG, IATA	Void
· Environmental hazards: · Marine pollutant:	No
· Special precautions for user	Not applicable.
• Transport in bulk according to Annex I MARPOL73/78 and the IBC Code	II of Not applicable.
· UN "Model Regulation":	Void

#### **15 Regulatory information**

• Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.

• Sara

· Section 355 (extremely hazardous substances):

26628-22-8 sodium azide

(Contd. on page 6)

- C

Printing date 03/01/2024

Reviewed on 03/01/2024

Trade name: 17-OHP Antiserum

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Hazard statements Void
 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

# **16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Department issuing SDS: Product safety department.

• Contact: MSDS Turku@revvity.com

Date of the latest revision of the safety data sheet 03/01/2024
Abbreviations and acronyms: IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA) PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative



Page 1/6

# Safety Data Sheet according to HPR, Schedule 1

Printing date 03/01/2024

Reviewed on 03/01/2024

Identificati					
Product iden	ifier				
Trade name:	17-OHP assay buff	fer			
Article numb Application of In vitro diagn Laboratory cl	<b>f the substance / the</b> ostics	e mixture			
Details of the Manufacture Revvity Inc. Wallac Oy P.O. Box 10 FI-20101 Tur Finland +358 2 2678	ku	ety data sheet			
Information Product safet	v department.				
MSDS_Turku Emergency te CHEMTREC	@revvity.com H <b>ephone number:</b> (within U.S.) 800 42 (from outside U.S.)				
MSDS_Turku Emergency ta CHEMTREC CHEMTREC Hazard ide Classification	lephone number: (within U.S.) 800 42 (from outside U.S.)	+1-703-572-3887 r mixture	lly Harmonized Sy	rstem (GHS).	
MSDS_Turku Emergency ta CHEMTREC CHEMTREC Hazard ide Classification The product i Label elemen GHS label ele Hazard picto Signal word Hazard staten	lephone number: (within U.S.) 800 42 (from outside U.S.) ntification of the substance of s not classified, acco ts ements grams Void Void nents Void	+1-703-572-3887 r mixture	lly Harmonized Sy	rstem (GHS).	
MSDS_Turku Emergency ta CHEMTREC CHEMTREC Hazard ide Classification The product i Label elemen GHS label ele Hazard picto Signal word	lephone number: (within U.S.) 800 42 (from outside U.S.) ntification of the substance of s not classified, acco ts ements grams Void Void nents Void system: s (scale 0 - 4) Health = 0	+1-703-572-3887 r mixture	lly Harmonized Sy	stem (GHS).	
MSDS_Turku Emergency ta CHEMTREC CHEMTREC Hazard ide Classification The product i Label element GHS label ele Hazard picto Signal word Hazard staten Classification	lephone number: (within U.S.) 800 42 (from outside U.S.) ntification of the substance of s not classified, acco ts ements grams Void Void nents Void system: s (scale 0 - 4) Health = 0 Fire = 0 Reactivity = 0	+1-703-572-3887 r mixture	lly Harmonized Sy	stem (GHS).	

# 3 Composition/Information on ingredients

• Chemical characterization: Mixtures

 $\cdot \textit{Description: Mixture of the substances listed below with nonhazardous additions.}$ 

· Dangerous components: Void

(Contd. on page 2)

CA

Printing date 03/01/2024

Reviewed on 03/01/2024

Trade name: 17-OHP assay buffer

		(Contd. of page 1)
• Other ingre	lients	
7732-18-5	water	90-100% w/w
9048-46-8	Albumins, bovine serum	≤2.5% w/w
7647-14-5	sodium chloride	<1% w/w
77-86-1	trometamol	<1% w/w
25322-68-3	Polyethylene glycol	<1% w/w
64-17-5	ethanol	<0.1% w/w
26628-22-8	sodium azide	<0.1% w/w

#### 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** Fire-fighting measures

- · Extinguishing media
- Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- 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 Not required.
- *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
- No dangerous substances are released.
- 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 No special measures required.
- Information about protection against explosions and fires: No special measures required.
- · 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.

(Contd. on page 3)

CA

(Contd. of page 2)

# Safety Data Sheet according to HPR, Schedule 1

Printing date 03/01/2024

Reviewed on 03/01/2024

Trade name: 17-OHP assay buffer

• Specific end use(s) No further relevant information available.

8 Exposure controls/ Personal protection

• Additional information about design of technical systems: No further data; see section 7.

- · Control parameters
- · Components 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 that were valid during the creation were used as basis.
- · Exposure controls
- Personal protective equipment:
- General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

- · Breathing equipment: Not required.
- · Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· 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: Goggles recommended during refilling.

# 9 Physical and chemical properties

General Information Appearance:		
Appearance. Form:	Solution	
Color:	Red	
Odor:	Characteristic	
Odor threshold:	Not determined.	
pH-value at 20 °C:	7.75	
Change in condition Melting point/Melting range: Boiling point/Boiling range:	0 °C 100 °C	
Flash point:	Not applicable.	
Flammability (solid, gaseous):	Not applicable.	
Decomposition temperature:	Not determined.	
Ignition temperature:	Product is not selfigniting.	
Danger of explosion:	Product does not present an explosion hazard.	
Explosion limits: Lower:	Not determined.	

Printing date 03/01/2024

Reviewed on 03/01/2024

Trade name: 17-OHP assay buffer

		(Contd. of page 3)
Upper:	Not determined.	
· Vapor pressure at 20 °C:	23 hPa	
· Density at 20 °C:	1.02 g/cm <sup>3</sup>	
Relative density	Not determined.	
· Vapor density	Not determined.	
· Evaporation rate	Not determined.	
· Solubility in / Miscibility with		
Water:	Fully miscible.	
· Partition coefficient (n-octanol/wa	t <b>ter):</b> Not determined.	
· Viscosity:		
Dynamic at 20 °C:	0.952 mPas	
Kinematic:	Not determined.	
· Solvent content:		
Organic solvents:	0.1 %	
Water:	96.5 %	
Solids content:	0.0 %	
· 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:
- Primary irritant effect:
- on the skin: No irritant effect.
- on the eye: No irritating effect.
- Sensitization: No sensitizing effects known.
- Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)

915-67-3 trisodium 3-hydroxy-4-(4'-sulphonatonaphthylazo)naphthalene-2,7-disulphonate

# · NTP (National Toxicology Program)

None of the ingredients is listed.

(Contd. on page 5)

3

Printing date 03/01/2024

Reviewed on 03/01/2024

#### Trade name: 17-OHP assay buffer

(Contd. of page 4)

# **12 Ecological information**

- · Toxicity
- · Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.
- · Behavior 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: Smaller quantities can be disposed of with household waste.
- · Uncleaned packagings:
- · Recommendation: Hand over to hazardous waste disposers.
- · Recommended cleansing agent: Water, if necessary with cleansing agents.

# **14 Transport information**

· UN-Number · DOT/TDG, ADR, ADN, IMDG, IATA	Void
· UN proper shipping name · DOT/TDG, ADR, ADN, IMDG, IATA	Void
· Transport hazard class(es)	
· DOT, ADR, ADN, IMDG, IATA · Class	Void
· Packing group · DOT/TDG, ADR, IMDG, IATA	Void
· Environmental hazards: · Marine pollutant:	No
· Special precautions for user	Not applicable.
• Transport in bulk according to Annex II MARPOL73/78 and the IBC Code	of Not applicable.
· UN "Model Regulation":	Void

#### **15 Regulatory information**

• Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.

· Sara

· Section 355 (extremely hazardous substances):

26628-22-8 sodium azide

(Contd. on page 6)

- C

Printing date 03/01/2024

Reviewed on 03/01/2024

Trade name: 17-OHP assay buffer

	(Contd. of page 5
· Section 313 (Specific toxic chemical listings):	
26628-22-8 sodium azide	
TSCA (Toxic Substances Control Act):	
All components have the value ACTIVE.	
· Canadian substance listings:	
· Canadian Domestic Substances List (DSL)	
All ingredients are listed.	
· Canadian Non-Domestic Substances List (NDSL)	
None of the ingredients is listed.	
· Canadian Ingredient Disclosure list (limit 0.1%)	
None of the ingredients is listed.	
· Canadian Ingredient Disclosure list (limit 1%)	
None of the ingredients is listed.	
• GHS label elements Void • Hazard pictograms Void • Signal word Void • Hazard statements Void	
• Chemical safety assessment: A Chemical Safety Assessment has not been carried out.	

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Department issuing SDS: Product safety department.

· Contact: MSDS Turku@revvity.com

• Date of the latest revision of the safety data sheet 03/01/2024

• Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA) PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative