03.01.2022	Kit Components	r-biopharm
Product code	Description	
PG5905	RIDA®GENE RSV & hM	PV
Components:		
PGZ5905PC	RIDA®GENE RSV & hMP	V Positive Control
PGZ5905NC	RIDA®GENE RSV & hMP	V No Template Control
PGZ5905RM	RIDA®GENE RSV & hMP	V Reaction Mix
PGZ5905EM	RIDA®GENE RSV & hMP	V Enzyme Mix
PGZ5905IC	RIDA®GENE RSV & hMP	V Internal Control RNA



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

#### **1.1 Product identifier**

#### Trade name: RIDA®GENE RSV & hMPV Positive Control

Article number: PGZ5905PC

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

Application of the substance / the preparation: In vitro

1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier: R-Biopharm AG An der neuen Bergstraße 17 D-64297 Darmstadt

**Further information obtainable from:** e-mail: info@r-biopharm.de **1.4 Emergency telephone number:** CHEMTREC (worldwide): +1 703-741-5970 / 1-800-424-9300

CHEMTREC (Woldwide). +1703-741-59707 1-600-424-9300 CHEMTREC (United Kingdom): 44-870-8200418 and 44-2038073798 (toll free) For additional worldwide local emergency numbers refer to section 16.

### **SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008** The product is not classified, according to the CLP regulation.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void Hazard pictograms Void Signal word Void Hazard statements Void 2.3 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable.

#### **SECTION 3: Composition/information on ingredients**

**3.2 Chemical characterisation: Mixtures Description:** Mixture of substances with nonhazardous additions.

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

## **SECTION 4: First aid measures**

4.1 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: Immediately wash with water and soap and rinse thoroughly.
After eye contact: Rinse opened eye for several minutes under running water.
After swallowing: If symptoms persist consult doctor.
4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

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(Contd. of page 1) 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

## **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media

**Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions. **5.2 Special hazards arising from the substance or mixture** 

No further relevant information available.

5.3 Advice for firefighters

Protective equipment: No special measures required.

#### **SECTION 6: Accidental release measures**

6.1 Personal precautions, protective equipment and emergency procedures
Wear protective clothing.
6.2 Environmental precautions:
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
6.3 Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
6.4 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.

## **SECTION 7: Handling and storage**

**7.1 Precautions for safe handling** No special measures required. **Information about fire - and explosion protection:** No special measures required.

7.2 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.

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

## **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

Additional information about design of technical facilities: No further data; see item 7. 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.

#### 8.2 Exposure controls

Personal protective equipment:

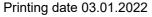
#### General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals. **Respiratory protection:** Not required.

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#### Trade name: RIDA®GENE RSV & hMPV Positive Control

#### 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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the permanent contact gloves made of the following materials are suitable:

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

As protection from splashes gloves made of the following materials are suitable:

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Goggles recommended during refilling

SECTION 9: Physical and chem	ical properties
9.1 Information on basic physical and General Information	chemical properties
Appearance: Form:	Fluid
Colour:	Colourless
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value at 20 °C:	8
Change in condition Melting point/freezing point: Initial boiling point and boiling rang	0 °C e: 100 °C
Flash point:	Not applicable.
Flammability (solid, gas):	Not applicable.
Decomposition temperature:	Not determined.
Auto-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:	0.997 g/cm³
Relative density	Not determined.
	Not determined.
Evaporation rate	Not determined.
	Not determined. Not determined.



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#### Trade name: RIDA®GENE RSV & hMPV Positive Control

	(Contd. of pag
Solubility in / Miscibility with water:	Fully miscible.
Partition coefficient: n-octanol/water:	Not determined.
Viscosity: Dynamic: Kinematic:	Not determined. Not determined.
Solvent content: Water:	95.0 %
Solids content:	5.0 %
9.2 Other information	No further relevant information available.

## **SECTION 10: Stability and reactivity**

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions** No dangerous reactions known.

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known.

#### **SECTION 11: Toxicological information**

11.1 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.

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.

## **SECTION 12: Ecological information**

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

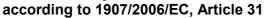
12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

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#### Trade name: RIDA®GENE RSV & hMPV Positive Control

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### Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

#### 12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

#### **SECTION 13: Disposal considerations**

13.1 Waste treatment methods

Recommendation Disposal must be made according to official regulations.

Uncleaned packaging:

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

### **SECTION 14: Transport information**

14.1 UN-Number ADR, ADN, IMDG, IATA	Void
14.2 UN proper shipping name ADR, ADN, IMDG, IATA	Void
14.3 Transport hazard class(es)	
ADR, ADN, IMDG, IATA Class	Void
14.4 Packing group ADR, IMDG, IATA	Void
14.5 Environmental hazards: Marine pollutant:	No
14.6 Special precautions for user	Not applicable.
14.7 Transport in bulk according to Annex of Marpol and the IBC Code	II Not applicable.
Transport/Additional information:	Not dangerous according to the above specifications.
UN "Model Regulation":	Void

#### **SECTION 15: Regulatory information**

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

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

National regulations:

Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

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

#### **SECTION 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: QS 0049-6151-8102-0 Contact: QS 0049-6151-8102-0 Worldwide local emergency numbers Argentina Spanish Local (City) Buenos Aires Americas 54-1159839431 Australia English Local (City) Sydney Oceania 61-290372994 Austria German Local (City) Vienna Europe 43-13649237 Belgium French Local (City) Brussels Europe 32-28083237 Brazil Portuguese Local (City) Rio De Janeiro Americas 55-2139581449 Brazil Portuguese Local (City) Sao Paulo Americas 55-1143491359 Brazil - Toll Free Portuguese Toll free Mobile-Enabled Americas 0800 892 0479 Bulgaria Bulgarian Local (City) Plovdiv Europe 359-32570104 Cayman Islands English Local (National) Americas 345-749-8392 Chile Spanish Local (City) Santiago Americas 56 2 2581 4934 China Mandarin Local (National) Asia 4001-204937 Colombia Spanish Toll Free Americas 01800-710-2151 Costa Rica Spanish Local (National) Americas 506-40003869 Croatia Croatian Local (City) Zagreb Europe 385-17776920 Czech Republic Czech Local (City) Prague Europe 420-228880039 Denmark Danish Local (National) Europe 45-69918573 Dominican Republic Spanish Local (City) Santo Domingo Americas (829) 956-7588 El Salvador Spanish Local (City) San Salvador Americas 503 2136 7633 Estonia Estonian Local (National) Europe 372-6681294 Finland Finnish Local (City) Helsinki Europe 358-942419014 France French National Europe 33-975181407 Germany German Local (City) Frankfurt Europe 49-69643508409 0800-181-7059 Greece Greek Local (City) Athens Europe 30-2111768478 Grenada English Local (City) St George Americas 1 (473) 230-0165 Guinea French Americas 224 660 71 03 00 Hong Kong Toll Free Asia 800-968-793 Hungary Hungarian Local (City) Budapest Europe 36-18088425 Iceland Icelandic Local (City) Reykjavik Europe 354 539 0655 India Hindi, Bengali, English Asia 000-800-100-7141 Indonesia Indonesian Toll Free Asia 001-803-017-9114 Ireland English Local (City) Dublin Europe 353-19014670 Israel Hebrew Local (City) Tel Aviv Asia 972-37630639 Italy Italian Local (City) Milan Europe 39-0245557031 800-789-767 Japan Japanese Local (City) Tokyo Asia 81-345209637 Latvia Latvian Lettish Local (City) Riga Europe 371-66165504 Lithuania Lithuanian Local (City) Vilnius Europe 370-52140238 Luxembourg French and German Europe 352-20202416 Macedonia Macedonian Local (City) Skopje Europe 389 2 551 7456 Malaysia Malay Local (City) Kuala Lumpur Asia 60-39212579 41-800-815-308 Mexico Spanish Americas 01-800-681-9531 Netherlands Dutch Europe 31-858880596 New Zealand English Local (City) Auckland Oceania 64-98010034 Nigeria Hausa Local (City) Lagos Europe 234 1 227 8883 Panama Spanish Local (National) Americas 507-8322475 Peru Spanish Local (City) Lima Americas 51-17071295 Philippines Tagalog Local (City) Manila Asia 1-800-1-116-1020 Poland Polish Local (City) Warsaw Europe 48-223988029 Portugal Portuguese Local (National) Europe 351-308801773 Romania Romanian Local (National) Europe 40-37-6300026

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Russia RussianToll Free Mobile-Enabled Asia 8-800-100-6346	
Saudi Arabia Arabic and English CHEMTREC DID Only Asia 966-8111095861	
Singapore English and Mandarin Asia 65-31581349 or 800-101-2201	
Slovakia Slovak Local (City) Bratislava Europe 421-233057972	
Slovenia Slovenian Local (City) Ljubljana Europe 38-618888016	
South Africa English Toll Free Africa 0-800-983-611	
South Korea Korean Toll Free Asia 003-0813-2549 and 080-822-1374	
Spain Spanish Local (City) Barcelona Europe 34-931768545 and 900-868538	
Sweden Swedish Local (City) Stockholm Europe 46-852503403	
Switzerland German and French and Italian Zurich Europe 41-435082011	
Taiwan Mandarin Local (City) Taipei Asia 886-2-7741-4207 and 00801-14-8954	
Thailand Thai Toll Free Asia 01-800-13-203-9987	
Trinidad and Tobago English Local (National) Americas 1-868-224-5716	
Turkey Turkish Local (City) Istanbul Europe 90-212-7055340	
Ukraine Ukrainian Europe 380-947101374	
United Kingdom English Local (City) London Europe 44-870-8200418 and 44-2038	3073798
Abbreviations and acronyms:	
RID: Règlement international concernant le transport des marchandises dangereuses par chemi Concerning the International Transport of Dangerous Goods by Rail)	n de fer (Regulations
ICAO: International Civil Aviation Organisation	
ADR: Accord relatif au transport international des marchandises dangereuses par route (European A	greement Concerning
the International Carriage of Dangerous Goods by Road)	
IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association	
GHS: Globally Harmonised System of Classification and Labelling of Chemicals	
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)	
PBT: Persistent, Bioaccumulative and Toxic	
vPvB: very Persistent and very Bioaccumulative	
* Data compared to the previous version altered.	
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SECTION 1: Identification of the substance/mixture and of the company/ undertaking
1.1 Product identifier
Trade name: RIDA®GENE RSV & hMPV No Template Control
Article number: PGZ5905NC CAS Number: 7732-18-5 EC number: 231-791-2 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available. Application of the substance / the preparation: In vitro
<b>1.3 Details of the supplier of the safety data sheet</b> <b>Manufacturer/Supplier:</b> R-Biopharm AG An der neuen Bergstraße 17 D-64297 Darmstadt
Further information obtainable from: e-mail: info@r-biopharm.de <b>1.4 Emergency telephone number:</b> CHEMTREC (worldwide): +1 703-741-5970 / 1-800-424-9300 CHEMTREC (United Kingdom): 44-870-8200418 and 44-2038073798 (toll free) For additional worldwide local emergency numbers refer to section 16.

#### **SECTION 2: Hazards identification**

2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 The substance is not classified, according to the CLP regulation.

2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 Void Hazard pictograms Void Signal word Void Hazard statements Void 2.3 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable.

#### **SECTION 3: Composition/information on ingredients**

3.1 Chemical characterisation: Substances
CAS No. Description
7732-18-5 water, distilled, conductivity or of similarpurity
Identification number(s)
EC number: 231-791-2

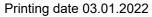
#### **SECTION 4: First aid measures**

4.1 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: Immediately wash with water and soap and rinse thoroughly.
After eye contact: Rinse opened eye for several minutes under running water.

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#### Trade name: RIDA®GENE RSV & hMPV No Template Control

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After swallowing: If symptoms persist consult doctor.

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

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

### **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media

**Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions. **5.2 Special hazards arising from the substance or mixture** 

No further relevant information available.

#### 5.3 Advice for firefighters

Protective equipment: No special measures required.

#### **SECTION 6: Accidental release measures**

## 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing.

6.2 Environmental precautions: Dilute with plenty of water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

#### 6.4 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.

## **SECTION 7: Handling and storage**

**7.1 Precautions for safe handling** No special measures required. **Information about fire - and explosion protection:** No special measures required.

# 7.2 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.

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

#### **SECTION 8: Exposure controls/personal protection**

8.1 Control parameters

Additional information about design of technical facilities: No further data; see item 7. Ingredients with limit values that require monitoring at the workplace: Not required. Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

## Personal protective equipment:

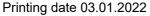
## General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals. **Respiratory protection:** Not required.

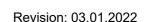
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#### Trade name: RIDA®GENE RSV & hMPV No Template Control

#### 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.

#### Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the permanent contact gloves made of the following materials are suitable:

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

#### As protection from splashes gloves made of the following materials are suitable:

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Goggles recommended during refilling

SECTION 9: Physical and chemical properties	
9.1 Information on basic physical a General Information	ind chemical properties
Appearance: Form:	Fluid
Colour:	Colourless
Odour:	Undistinguishable.
Odour threshold:	Not determined.
pH-value:	7
Change in condition Melting point/freezing point: Initial boiling point and boiling ra	0 °C ange: 100 °C
Flash point:	Not applicable.
Flammability (solid, gas):	Not applicable.
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Not determined.
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.
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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.
Water:	100.0 %
Solids content:	0.0 %
9.2 Other information	No further relevant information available.

### **SECTION 10: Stability and reactivity**

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions** No dangerous reactions known.

**10.4 Conditions to avoid** No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known.

#### **SECTION 11: Toxicological information**

11.1 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. **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.

## **SECTION 12: Ecological information**

#### 12.1 Toxicity

Aquatic toxicity: No further relevant information available.

**12.2 Persistence and degradability** No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

**12.4 Mobility in soil** No further relevant information available.

Additional ecological information:

General notes: Not hazardous for water.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

**vPvB:** Not applicable.

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**12.6 Other adverse effects** No further relevant information available.

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### **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

Recommendation Disposal must be made according to official regulations.

#### Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information	
14.1 UN-Number ADR, IMDG, IATA	Void
14.2 UN proper shipping name ADR, IMDG, IATA	Void
14.3 Transport hazard class(es)	
ADR, ADN, IMDG, IATA Class	Void
14.4 Packing group ADR, IMDG, IATA	Void
14.5 Environmental hazards:	Not applicable.
14.6 Special precautions for user	Not applicable.
14.7 Transport in bulk according to Annex of Marpol and the IBC Code	II Not applicable.
Transport/Additional information:	Not dangerous according to the above specifications.
UN "Model Regulation":	Void

#### **SECTION 15: Regulatory information**

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

Directive 2012/18/EU Named dangerous substances - ANNEX I Substance is not listed.

National regulations:

Waterhazard class: Generally not hazardous for water. 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## **SECTION 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: QS 0049-6151-8102-0 Contact: QS 0049-6151-8102-0

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#### Trade name: RIDA®GENE RSV & hMPV No Template Control

Worldwide local emergency numbers

Argentina Spanish Local (City) Buenos Aires Americas 54-1159839431 Australia English Local (City) Sydney Oceania 61-290372994 Austria German Local (City) Vienna Europe 43-13649237 Belgium French Local (City) Brussels Europe 32-28083237 Brazil Portuguese Local (City) Rio De Janeiro Americas 55-2139581449 Brazil Portuguese Local (City) Sao Paulo Americas 55-1143491359 Brazil - Toll Free Portuguese Toll free Mobile-Enabled Americas 0800 892 0479 Bulgaria Bulgarian Local (City) Plovdiv Europe 359-32570104 Cayman Islands English Local (National) Americas 345-749-8392 Chile Spanish Local (City) Santiago Americas 56 2 2581 4934 China Mandarin Local (National) Asia 4001-204937 Colombia Spanish Toll Free Americas 01800-710-2151 Costa Rica Spanish Local (National) Americas 506-40003869 Croatia Croatian Local (City) Zagreb Europe 385-17776920 Czech Republic Czech Local (City) Prague Europe 420-228880039 Denmark Danish Local (National) Europe 45-69918573 Dominican Republic Spanish Local (City) Santo Domingo Americas (829) 956-7588 El Salvador Spanish Local (City) San Salvador Americas 503 2136 7633 Estonia Estonian Local (National) Europe 372-6681294 Finland Finnish Local (City) Helsinki Europe 358-942419014 France French National Europe 33-975181407 Germany German Local (City) Frankfurt Europe 49-69643508409 0800-181-7059 Greece Greek Local (City) Athens Europe 30-2111768478 Grenada English Local (City) St George Americas 1 (473) 230-0165 Guinea French Americas 224 660 71 03 00 Hong Kong Toll Free Asia 800-968-793 Hungary Hungarian Local (City) Budapest Europe 36-18088425 Iceland Icelandic Local (City) Reykjavik Europe 354 539 0655 India Hindi, Bengali, English Asia 000-800-100-7141 Indonesia Indonesian Toll Free Asia 001-803-017-9114 Ireland English Local (City) Dublin Europe 353-19014670 Israel Hebrew Local (City) Tel Aviv Asia 972-37630639 Italy Italian Local (City) Milan Europe 39-0245557031 800-789-767 Japan Japanese Local (City) Tokyo Asia 81-345209637 Latvia Latvian Lettish Local (City) Riga Europe 371-66165504 Lithuania Lithuanian Local (City) Vilnius Europe 370-52140238 Luxembourg French and German Europe 352-20202416 Macedonia Macedonian Local (City) Skopje Europe 389 2 551 7456 Malaysia Malay Local (City) Kuala Lumpur Asia 60-39212579 41-800-815-308 Mexico Spanish Americas 01-800-681-9531 Netherlands Dutch Europe 31-858880596 New Zealand English Local (City) Auckland Oceania 64-98010034 Nigeria Hausa Local (City) Lagos Europe 234 1 227 8883 Panama Spanish Local (National) Americas 507-8322475 Peru Spanish Local (City) Lima Americas 51-17071295 Philippines Tagalog Local (City) Manila Asia 1-800-1-116-1020 Poland Polish Local (City) Warsaw Europe 48-223988029 Portugal Portuguese Local (National) Europe 351-308801773 Romania Romanian Local (National) Europe 40-37-6300026 Russia RussianToll Free Mobile-Enabled Asia 8-800-100-6346 Saudi Arabia Arabic and English CHEMTREC DID Only Asia 966-8111095861 Singapore English and Mandarin Asia 65-31581349 or 800-101-2201 Slovakia Slovak Local (City) Bratislava Europe 421-233057972 Slovenia Slovenian Local (City) Ljubljana Europe 38-618888016 South Africa English Toll Free Africa 0-800-983-611 South Korea Korean Toll Free Asia 003-0813-2549 and 080-822-1374 Spain Spanish Local (City) Barcelona Europe 34-931768545 and 900-868538 Sweden Swedish Local (City) Stockholm Europe 46-852503403



Safety data sheet according to 1907/2006/EC, Article 31

Printing date 03.01.2022

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Revision: 03.01.2022

## Trade name: RIDA®GENE RSV & hMPV No Template Control

(Contd. of page 6) Switzerland German and French and Italian Zurich Europe 41-435082011 Taiwan Mandarin Local (City) Taipei Asia 886-2-7741-4207 and 00801-14-8954 Thailand Thai Toll Free Asia 01-800-13-203-9987 Trinidad and Tobago English Local (National) Americas 1-868-224-5716 Turkey Turkish Local (City) Istanbul Europe 90-212-7055340 Ukraine Ukrainian Europe 380-947101374 United Kingdom English Local (City) London Europe 44-870-8200418 and 44-2038073798 <b>Abbreviations and acronyms:</b> ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) PBT: Persistent, Bioaccumulative



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r-biophar

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

#### 1.1 Product identifier

#### Trade name: RIDA®GENE RSV & hMPV Reaction Mix

Article number: PGZ5905RM

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

Application of the substance / the preparation: In vitro

1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier: R-Biopharm AG An der neuen Bergstraße 17 D-64297 Darmstadt

**Further information obtainable from:** e-mail: info@r-biopharm.de **1.4 Emergency telephone number:** CHEMTREC (worldwide): +1 703-741-5970 / 1-800-424-9300

CHEMTREC (Woldwide). +1703-741-59707 1-600-424-9300 CHEMTREC (United Kingdom): 44-870-8200418 and 44-2038073798 (toll free) For additional worldwide local emergency numbers refer to section 16.

### **SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008** The product is not classified, according to the CLP regulation.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void Hazard pictograms Void Signal word Void Hazard statements Void 2.3 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable.

#### **SECTION 3: Composition/information on ingredients**

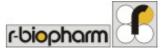
**3.2 Chemical characterisation: Mixtures Description:** Mixture of substances with nonhazardous additions.

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

## **SECTION 4: First aid measures**

4.1 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: Immediately wash with water and soap and rinse thoroughly.
After eye contact: Rinse opened eye for several minutes under running water.
After swallowing: If symptoms persist consult doctor.
4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

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#### Trade name: RIDA®GENE RSV & hMPV Reaction Mix

(Contd. of page 1) **4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.

#### **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media

**Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions. **5.2 Special hazards arising from the substance or mixture** 

No further relevant information available.

5.3 Advice for firefighters

Protective equipment: No special measures required.

#### **SECTION 6: Accidental release measures**

6.1 Personal precautions, protective equipment and emergency procedures
Wear protective clothing.
6.2 Environmental precautions:
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
6.3 Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
6.4 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.

## **SECTION 7: Handling and storage**

**7.1 Precautions for safe handling** No special measures required. **Information about fire - and explosion protection:** No special measures required.

7.2 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.

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

#### **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

Additional information about design of technical facilities: No further data; see item 7. 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.

#### 8.2 Exposure controls

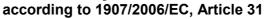
Personal protective equipment:

#### General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals. **Respiratory protection:** Not required.

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#### Trade name: RIDA®GENE RSV & hMPV Reaction Mix

#### 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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the permanent contact gloves made of the following materials are suitable:

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

As protection from splashes gloves made of the following materials are suitable:

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Goggles recommended during refilling

SECTION 9: Physical and chemical properties	
9.1 Information on basic physical and o General Information Appearance:	chemical properties
Form:	Fluid
Colour:	Colourless
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value at 20 °C:	8
Change in condition Melting point/freezing point: Initial boiling point and boiling range	0 °C : 100 °C
Flash point:	Not applicable.
Flammability (solid, gas):	Not applicable.
Decomposition temperature:	Not determined.
Auto-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:	0.997 g/cm³
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.
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#### Trade name: RIDA®GENE RSV & hMPV Reaction Mix

	(Contd. of page
Solubility in / Miscibility with water:	Fully miscible.
Partition coefficient: n-octanol/water:	Not determined.
Viscosity: Dynamic: Kinematic:	Not determined. Not determined.
Solvent content: Water:	95.0 %
Solids content:	5.0 %
9.2 Other information	No further relevant information available.

### **SECTION 10: Stability and reactivity**

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known.

## **SECTION 11: Toxicological information**

11.1 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.

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.

## **SECTION 12: Ecological information**

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

**12.3 Bioaccumulative potential** No further relevant information available.

12.4 Mobility in soil No further relevant information available.

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#### Trade name: RIDA®GENE RSV & hMPV Reaction Mix

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## Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

#### 12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

#### **SECTION 13: Disposal considerations**

13.1 Waste treatment methods

**Recommendation** Disposal must be made according to official regulations.

Uncleaned packaging:

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

## **SECTION 14: Transport information**

14.1 UN-Number ADR, ADN, IMDG, IATA	Void
14.2 UN proper shipping name ADR, ADN, IMDG, IATA	Void
14.3 Transport hazard class(es)	
ADR, ADN, IMDG, IATA Class	Void
14.4 Packing group ADR, IMDG, IATA	Void
14.5 Environmental hazards: Marine pollutant:	No
14.6 Special precautions for user	Not applicable.
14.7 Transport in bulk according to Annex of Marpol and the IBC Code	II Not applicable.
Transport/Additional information:	Not dangerous according to the above specifications.
UN "Model Regulation":	Void

#### **SECTION 15: Regulatory information**

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

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

National regulations:

Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

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## Trade name: RIDA®GENE RSV & hMPV Reaction Mix

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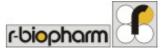
**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

#### **SECTION 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: QS 0049-6151-8102-0 Contact: QS 0049-6151-8102-0 Worldwide local emergency numbers Argentina Spanish Local (City) Buenos Aires Americas 54-1159839431 Australia English Local (City) Sydney Oceania 61-290372994 Austria German Local (City) Vienna Europe 43-13649237 Belgium French Local (City) Brussels Europe 32-28083237 Brazil Portuguese Local (City) Rio De Janeiro Americas 55-2139581449 Brazil Portuguese Local (City) Sao Paulo Americas 55-1143491359 Brazil - Toll Free Portuguese Toll free Mobile-Enabled Americas 0800 892 0479 Bulgaria Bulgarian Local (City) Plovdiv Europe 359-32570104 Cayman Islands English Local (National) Americas 345-749-8392 Chile Spanish Local (City) Santiago Americas 56 2 2581 4934 China Mandarin Local (National) Asia 4001-204937 Colombia Spanish Toll Free Americas 01800-710-2151 Costa Rica Spanish Local (National) Americas 506-40003869 Croatia Croatian Local (City) Zagreb Europe 385-17776920 Czech Republic Czech Local (City) Prague Europe 420-228880039 Denmark Danish Local (National) Europe 45-69918573 Dominican Republic Spanish Local (City) Santo Domingo Americas (829) 956-7588 El Salvador Spanish Local (City) San Salvador Americas 503 2136 7633 Estonia Estonian Local (National) Europe 372-6681294 Finland Finnish Local (City) Helsinki Europe 358-942419014 France French National Europe 33-975181407 Germany German Local (City) Frankfurt Europe 49-69643508409 0800-181-7059 Greece Greek Local (City) Athens Europe 30-2111768478 Grenada English Local (City) St George Americas 1 (473) 230-0165 Guinea French Americas 224 660 71 03 00 Hong Kong Toll Free Asia 800-968-793 Hungary Hungarian Local (City) Budapest Europe 36-18088425 Iceland Icelandic Local (City) Reykjavik Europe 354 539 0655 India Hindi, Bengali, English Asia 000-800-100-7141 Indonesia Indonesian Toll Free Asia 001-803-017-9114 Ireland English Local (City) Dublin Europe 353-19014670 Israel Hebrew Local (City) Tel Aviv Asia 972-37630639 Italy Italian Local (City) Milan Europe 39-0245557031 800-789-767 Japan Japanese Local (City) Tokyo Asia 81-345209637 Latvia Latvian Lettish Local (City) Riga Europe 371-66165504 Lithuania Lithuanian Local (City) Vilnius Europe 370-52140238 Luxembourg French and German Europe 352-20202416 Macedonia Macedonian Local (City) Skopje Europe 389 2 551 7456 Malaysia Malay Local (City) Kuala Lumpur Asia 60-39212579 41-800-815-308 Mexico Spanish Americas 01-800-681-9531 Netherlands Dutch Europe 31-858880596 New Zealand English Local (City) Auckland Oceania 64-98010034 Nigeria Hausa Local (City) Lagos Europe 234 1 227 8883 Panama Spanish Local (National) Americas 507-8322475 Peru Spanish Local (City) Lima Americas 51-17071295 Philippines Tagalog Local (City) Manila Asia 1-800-1-116-1020 Poland Polish Local (City) Warsaw Europe 48-223988029 Portugal Portuguese Local (National) Europe 351-308801773 Romania Romanian Local (National) Europe 40-37-6300026

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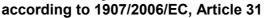
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## Trade name: RIDA®GENE RSV & hMPV Reaction Mix

Russia RussianToll Free Mobile-Enabled Asia 8-800-100-6346 Saudi Arabia Arabic and English CHEMTREC DID Only Asia 966-8111095861 Singapore English and Mandarin Asia 65-31581349 or 800-101-2201 Slovakia Slovak Local (City) Bratislava Europe 421-233057972 Slovenia Slovenian Local (City) Ljubljana Europe 38-618888016 South Africa English Toll Free Africa 0-800-983-611 South Korea Korean Toll Free Asia 003-0813-2549 and 080-822-1374 Spain Spanish Local (City) Barcelona Europe 34-931768545 and 900-868538 Sweden Swedish Local (City) Stockholm Europe 46-852503403 Switzerland German and French and Italian Zurich Europe 41-435082011 Taiwan Mandarin Local (City) Taipei Asia 886-2-7741-4207 and 00801-14-8954 Thailand Thai Toll Free Asia 01-800-13-203-9987 Trinidad and Tobago English Local (National) Americas 1-868-224-5716 Turkey Turkish Local (City) Istanbul Europe 90-212-7055340 Ukraine Ukrainian Europe 380-947101374 United Kingdom English Local (City) London Europe 44-870-8200418 and 44-203807 <b>Abbreviations and acronyms:</b> RID: Règlement international concernant le transport des marchandises dangereuses par chemin d Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation ADE: Accord relatif au transport international des marchandises dangereuses par route (European Agre the International Civil Aviation Organisation ADE: Accord relatif au transport international des marchandises dangereuses par route (European Agre the International Maritime Code for Dangerous Goods by Rail) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association	e fer (Regulation	s
ICAO: International Civil Aviation Organisation ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agre the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals	ement Concernin	g
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) PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative		
* Data compared to the previous version altered.	(	GB



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r-biophar

## SECTION 1: Identification of the substance/mixture and of the company/ undertaking 1.1 Product identifier Trade name: RIDA®GENE RSV & hMPV Enzyme Mix Article number: PGZ5905EM 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available. Application of the substance / the preparation: In vitro 1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier: R-Biopharm AG An der neuen Bergstraße 17 D-64297 Darmstadt

**Further information obtainable from:** e-mail: info@r-biopharm.de **1.4 Emergency telephone number:** CHEMTREC (worldwide): +1 703-741-5970 / 1-800-424-9300

CHEMTREC (United Kingdom): 44-870-8200418 and 44-2038073798 (toll free) For additional worldwide local emergency numbers refer to section 16.

### **SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008** The product is not classified, according to the CLP regulation.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void Hazard pictograms Void Signal word Void Hazard statements Void 2.3 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable.

#### **SECTION 3: Composition/information on ingredients**

#### 3.2 Chemical characterisation: Mixtures

**Description:** Mixture of substances with nonhazardous additions.

#### Dangerous components:

CAS: 56-81-5	glycerol	substance with a Community workplace exposure limit	5-10%
EINECS: 200-289-5			

Additional information: For the wording of the listed hazard phrases refer to section 16.

#### **SECTION 4: First aid measures**

#### 4.1 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: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: If symptoms persist consult doctor.

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#### Trade name: RIDA®GENE RSV & hMPV Enzyme Mix

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

No further relevant information available.

**4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.

**SECTION 5: Firefighting measures** 

5.1 Extinguishing media

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions. 5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

Protective equipment: No special measures required.

#### **SECTION 6: Accidental release measures**

6.1 Personal precautions, protective equipment and emergency procedures
Wear protective clothing.
6.2 Environmental precautions:
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
6.3 Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
6.4 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.

#### **SECTION 7: Handling and storage**

**7.1 Precautions for safe handling** No special measures required. **Information about fire - and explosion protection:** No special measures required.

7.2 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.

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

#### **SECTION 8: Exposure controls/personal protection**

8.1 Control parameters

Additional information about design of technical facilities: No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace:

56-81-5 glycerol

WEL Long-term value: 10 mg/m<sup>3</sup>

Additional information: The lists valid during the making were used as basis.

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## Trade name: RIDA®GENE RSV & hMPV Enzyme Mix

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Personal protective equipment:	
General protective and hygienic measu The usual precautionary measures are to Respiratory protection: Not required.	
Protection of hands:	
The glove material has to be imperme preparation.	able and resistant to the product/ the substance/
	n to the glove material can be given for the product/
Selection of the glove material on conside degradation	eration of the penetration times, rates of diffusion and
<b>Material of gloves</b> The selection of the suitable gloves does not only depend on the material, but also on further of quality and varies from manufacturer to manufacturer. As the product is a preparation of s substances, the resistance of the glove material can not be calculated in advance and has the to be checked prior to the application.	
<b>Penetration time of glove material</b> The exact break trough time has to be fo has to be observed.	und out by the manufacturer of the protective gloves a
For the permanent contact gloves made	e of the following materials are suitable: und out by the manufacturer of the protective gloves a
The exact break trough time has to be fo has to be observed.	und out by the manufacturer of the protective gloves a
Eye protection: Goggles recommended of	luring refilling
	luring refilling
Eye protection: Goggles recommended of	
Eye protection: Goggles recommended of SECTION 9: Physical and chemic	cal properties
Eye protection: Goggles recommended of SECTION 9: Physical and chemic 9.1 Information on basic physical and c General Information	cal properties
Eye protection: Goggles recommended of SECTION 9: Physical and chemic 9.1 Information on basic physical and c General Information Appearance:	cal properties
Eye protection: Goggles recommended of SECTION 9: Physical and chemic 9.1 Information on basic physical and c General Information Appearance: Form:	cal properties hemical properties Fluid
Eye protection: Goggles recommended of SECTION 9: Physical and chemic 9.1 Information on basic physical and c General Information Appearance:	cal properties
Eye protection: Goggles recommended of SECTION 9: Physical and chemic 9.1 Information on basic physical and c General Information Appearance: Form: Colour:	cal properties hemical properties Fluid Colourless
Eye protection: Goggles recommended of SECTION 9: Physical and chemic 9.1 Information on basic physical and c General Information Appearance: Form: Colour: Odour:	cal properties hemical properties Fluid Colourless Characteristic
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Eye protection: Goggles recommended of SECTION 9: Physical and chemic 9.1 Information on basic physical and c General Information Appearance: Form: Colour: Odour: Odour: Odour threshold: pH-value at 20 °C: Change in condition Melting point/freezing point:	cal properties hemical properties Fluid Colourless Characteristic Not determined. 8 0 °C
Eye protection: Goggles recommended of SECTION 9: Physical and chemic 9.1 Information on basic physical and of General Information Appearance: Form: Colour: Odour: Odour: Odour threshold: pH-value at 20 °C: Change in condition Melting point/freezing point: Initial boiling point and boiling range:	cal properties hemical properties Fluid Colourless Characteristic Not determined. 8 0 °C
Eye protection: Goggles recommended of SECTION 9: Physical and chemic 9.1 Information on basic physical and c General Information Appearance: Form: Colour: Odour: Odour: Odour threshold: pH-value at 20 °C: Change in condition Melting point/freezing point: Initial boiling point and boiling range: Flash point:	cal properties         chemical properties         Fluid         Colourless         Characteristic         Not determined.         8         0 °C         100 °C         160 °C
Eye protection: Goggles recommended of SECTION 9: Physical and chemic 9.1 Information on basic physical and c General Information Appearance: Form: Colour: Odour: Odour: Odour threshold: pH-value at 20 °C: Change in condition Melting point/freezing point: Initial boiling point and boiling range: Flash point: Flammability (solid, gas):	cal properties         chemical properties         Fluid         Colourless         Characteristic         Not determined.         8         0 °C         100 °C         160 °C         Not applicable.
Eye protection: Goggles recommended of SECTION 9: Physical and chemic 9.1 Information on basic physical and of General Information Appearance: Form: Colour: Odour: Odour: Odour threshold: pH-value at 20 °C: Change in condition Melting point/freezing point: Initial boiling point and boiling range: Flash point: Flammability (solid, gas): Ignition temperature:	cal properties         chemical properties         Fluid         Colourless         Characteristic         Not determined.         8         0 °C         100 °C         160 °C         Not applicable.         400 °C
Eye protection: Goggles recommended of SECTION 9: Physical and chemic 9.1 Information on basic physical and c General Information Appearance: Form: Colour: Odour: Odour: Odour threshold: pH-value at 20 °C: Change in condition Melting point/freezing point: Initial boiling point and boiling range: Flash point: Flammability (solid, gas): Ignition temperature: Decomposition temperature:	cal properties         chemical properties         Fluid         Colourless         Characteristic         Not determined.         8         0 °C         100 °C         160 °C         Not applicable.         400 °C         Not determined.
Eye protection: Goggles recommended of SECTION 9: Physical and chemic 9.1 Information on basic physical and of General Information Appearance: Form: Colour: Odour: Odour: Odour threshold: pH-value at 20 °C: Change in condition Melting point/freezing point: Initial boiling point and boiling range: Flash point: Flammability (solid, gas): Ignition temperature: Decomposition temperature: Auto-ignition temperature:	cal properties         chemical properties         Fluid         Colourless         Characteristic         Not determined.         8         0 °C         100 °C         160 °C         Not applicable.         400 °C         Not determined.         Product is not selfigniting.
Eye protection: Goggles recommended of SECTION 9: Physical and chemic 9.1 Information on basic physical and c General Information Appearance: Form: Colour: Odour: Odour threshold: pH-value at 20 °C: Change in condition Melting point/freezing point: Initial boiling point and boiling range: Flash point: Flammability (solid, gas): Ignition temperature: Decomposition temperature: Auto-ignition temperature: Explosive properties:	cal properties         chemical properties         Fluid         Colourless         Characteristic         Not determined.         8         0 °C         100 °C         160 °C         Not applicable.         400 °C         Not determined.
Eye protection: Goggles recommended of SECTION 9: Physical and chemic 9.1 Information on basic physical and of General Information Appearance: Form: Colour: Odour: Odour: Odour threshold: pH-value at 20 °C: Change in condition Melting point/freezing point: Initial boiling point and boiling range: Flash point: Flammability (solid, gas): Ignition temperature: Decomposition temperature: Auto-ignition temperature:	cal properties         chemical properties         Fluid         Colourless         Characteristic         Not determined.         8         0 °C         100 °C         160 °C         Not applicable.         400 °C         Not determined.         Product is not selfigniting.



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#### Trade name: RIDA®GENE RSV & hMPV Enzyme Mix

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Upper:	Not determined.
Vapour pressure at 20 °C:	23 hPa
Density at 20 °C:	1.0157 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:	Not determined.
Kinematic:	Not determined.
Solvent content:	
Organic solvents:	7.1 %
Water:	91.9 %
Solids content:	1.0 %
9.2 Other information	No further relevant information available.

### **SECTION 10: Stability and reactivity**

**10.1 Reactivity** No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions** No dangerous reactions known.

**10.4 Conditions to avoid** No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known.

## **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

#### LD/LC50 values relevant for classification:

56-81-5 glycerol

Oral LD50 12,600 mg/kg (rat)

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)

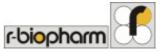
**Germ cell mutagenicity** Based on available data, the classification criteria are not met. **Carcinogenicity** Based on available data, the classification criteria are not met.

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.

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Aspiration hazard Based on available data, the classification criteria are not met.

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## **SECTION 12: Ecological information**

#### 12.1 Toxicity

Aquatic toxicity: No further relevant information available.

**12.2 Persistence and degradability** No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

**12.4 Mobility in soil** No further relevant information available.

#### Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**12.5 Results of PBT and vPvB assessment PBT:** Not applicable. **vPvB:** Not applicable.

12.6 Other adverse effects No further relevant information available.

## **SECTION 13: Disposal considerations**

**13.1 Waste treatment methods Recommendation** Disposal must be made according to official regulations.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport informat	tion
14.1 UN-Number ADR, ADN, IMDG, IATA	Void
14.2 UN proper shipping name ADR, ADN, IMDG, IATA	Void
14.3 Transport hazard class(es)	
ADR, ADN, IMDG, IATA Class	Void
14.4 Packing group ADR, IMDG, IATA	Void
14.5 Environmental hazards: Marine pollutant:	No
14.6 Special precautions for user	Not applicable.
14.7 Transport in bulk according to An of Marpol and the IBC Code	nex II Not applicable.
Transport/Additional information:	Not dangerous according to the above specifications.
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**UN "Model Regulation":** 

Void

### **SECTION 15: Regulatory information**

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

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

National regulations:

Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water. 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

#### **SECTION 16: Other information**

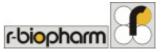
This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing SDS: QS 0049-6151-8102-0 Contact: QS 0049-6151-8102-0 Worldwide local emergency numbers

Argentina Spanish Local (City) Buenos Aires Americas 54-1159839431 Australia English Local (City) Sydney Oceania 61-290372994 Austria German Local (City) Vienna Europe 43-13649237 Belgium French Local (City) Brussels Europe 32-28083237 Brazil Portuguese Local (City) Rio De Janeiro Americas 55-2139581449 Brazil Portuguese Local (City) Sao Paulo Americas 55-1143491359 Brazil - Toll Free Portuguese Toll free Mobile-Enabled Americas 0800 892 0479 Bulgaria Bulgarian Local (City) Plovdiv Europe 359-32570104 Cayman Islands English Local (National) Americas 345-749-8392 Chile Spanish Local (City) Santiago Americas 56 2 2581 4934 China Mandarin Local (National) Asia 4001-204937 Colombia Spanish Toll Free Americas 01800-710-2151 Costa Rica Spanish Local (National) Americas 506-40003869 Croatia Croatian Local (City) Zagreb Europe 385-17776920 Czech Republic Czech Local (City) Prague Europe 420-228880039 Denmark Danish Local (National) Europe 45-69918573 Dominican Republic Spanish Local (City) Santo Domingo Americas (829) 956-7588 El Salvador Spanish Local (City) San Salvador Americas 503 2136 7633 Estonia Estonian Local (National) Europe 372-6681294 Finland Finnish Local (City) Helsinki Europe 358-942419014 France French National Europe 33-975181407 Germany German Local (City) Frankfurt Europe 49-69643508409 0800-181-7059 Greece Greek Local (City) Athens Europe 30-2111768478 Grenada English Local (City) St George Americas 1 (473) 230-0165 Guinea French Americas 224 660 71 03 00 Hong Kong Toll Free Asia 800-968-793 Hungary Hungarian Local (City) Budapest Europe 36-18088425 Iceland Icelandic Local (City) Reykjavik Europe 354 539 0655 India Hindi, Bengali, English Asia 000-800-100-7141 Indonesia Indonesian Toll Free Asia 001-803-017-9114 Ireland English Local (City) Dublin Europe 353-19014670 Israel Hebrew Local (City) Tel Aviv Asia 972-37630639 Italy Italian Local (City) Milan Europe 39-0245557031 800-789-767 Japan Japanese Local (City) Tokyo Asia 81-345209637

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Latvia Latvian Lettish	n Local (City) Riga Europe 371-66165504	
Lithuania Lithuanian	Local (City) Vilnius Europe 370-52140238	
	and German Europe 352-20202416	
	ian Local (City) Skopje Europe 389 2 551 7456	
	Il (City) Kuala Lumpur Asia 60-39212579 41-800	)-815-308
	ericas 01-800-681-9531	
	urope 31-858880596	
	Local (City) Auckland Oceania 64-98010034	
	(City) Lagos Europe 234 1 227 8883	
	cal (National) Americas 507-8322475	
	(City) Lima Americas 51-17071295	
	Local (City) Manila Asia 1-800-1-116-1020	
Poland Polish Local	(City) Warsaw Europe 48-223988029	
Portugal Portuguese	Local (National) Europe 351-308801773	
Romania Romanian	Local (National) Europe 40-37-6300026	
	Free Mobile-Enabled Asia 8-800-100-6346	
	and English CHEMTREC DID Only Asia 966-81	11095861
	nd Mandarin Asia 65-31581349 or 800-101-220	
	al (City) Bratislava Europe 421-233057972	
	.ocal (City) Ljubljana Europe 38-618888016	
South Africa English	Toll Free Africa 0-800-983-611	
	Toll Free Asia 003-0813-2549 and 080-822-137	7.4
	(City) Barcelona Europe 34-931768545 and 900	
	cal (City) Stockholm Europe 46-852503403	0-000000
		0011
	and French and Italian Zurich Europe 41-43508	
	cal (City) Taipei Asia 886-2-7741-4207 and 0080	01-14-8954
	ee Asia 01-800-13-203-9987	
	English Local (National) Americas 1-868-224-5	0/16
	l (City) Istanbul Europe 90-212-7055340	
	urope 380-947101374	
United Kingdom Eng	lish Local (City) London Europe 44-870-820041	8 and 44-2038073798
Abbreviations and a		
	ional concernant le transport des marchandises dangere	euses par chemin de fer (Regulations
	nal Transport of Dangerous Goods by Rail)	
ICAO: International Civil A	Aviation Organisation ansport international des marchandises dangereuses par ro	auto (European Agreement Concerning
	of Dangerous Goods by Road)	Sule (European Agreement Concerning
	me Code for Dangerous Goods	
IATA: International Air Tra		
	ed System of Classification and Labelling of Chemicals	
	tory of Existing Commercial Chemical Substances	
	f Notified Chemical Substances	
	Service (division of the American Chemical Society)	
LC50: Lethal concentratio LD50: Lethal dose, 50 per		
PBT: Persistent, Bioaccur		
vPvB: very Persistent and		
	the previous version altered.	
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r-biophar

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

#### 1.1 Product identifier

#### Trade name: RIDA®GENE RSV & hMPV Internal Control RNA

Article number: PGZ5905IC

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

Application of the substance / the preparation: In vitro

1.3 Details of the supplier of the safety data sheet
Manufacturer/Supplier:
R-Biopharm AG
An der neuen Bergstraße 17
D-64297 Darmstadt

**Further information obtainable from:** e-mail: info@r-biopharm.de **1.4 Emergency telephone number:** CHEMTREC (worldwide): +1 703-741-5970 / 1-800-424-9300

CHEMTREC (Woldwide). +1703-741-59707 1-600-424-9500 CHEMTREC (United Kingdom): 44-870-8200418 and 44-2038073798 (toll free) For additional worldwide local emergency numbers refer to section 16.

### **SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008** The product is not classified, according to the CLP regulation.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void Hazard pictograms Void Signal word Void Hazard statements Void 2.3 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable.

#### **SECTION 3: Composition/information on ingredients**

**3.2 Chemical characterisation: Mixtures Description:** Mixture of substances with nonhazardous additions.

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

## **SECTION 4: First aid measures**

4.1 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: Immediately wash with water and soap and rinse thoroughly.
After eye contact: Rinse opened eye for several minutes under running water.
After swallowing: If symptoms persist consult doctor.
4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

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(Contd. of page 1) 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

## **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media

**Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions. **5.2 Special hazards arising from the substance or mixture** 

No further relevant information available.

5.3 Advice for firefighters

Protective equipment: No special measures required.

#### **SECTION 6: Accidental release measures**

6.1 Personal precautions, protective equipment and emergency procedures
Wear protective clothing.
6.2 Environmental precautions:
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
6.3 Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
6.4 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.

## **SECTION 7: Handling and storage**

**7.1 Precautions for safe handling** No special measures required. **Information about fire - and explosion protection:** No special measures required.

7.2 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.

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

## **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

Additional information about design of technical facilities: No further data; see item 7. 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.

#### 8.2 Exposure controls

Personal protective equipment:

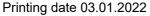
#### General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals. **Respiratory protection:** Not required.

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#### Trade name: RIDA®GENE RSV & hMPV Internal Control RNA

#### 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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the permanent contact gloves made of the following materials are suitable:

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

As protection from splashes gloves made of the following materials are suitable:

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Goggles recommended during refilling

SECTION 9: Physical and chemical properties	
9.1 Information on basic physical and chemical properties General Information	
Appearance: Form:	Fluid
Colour:	Colourless
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value at 20 °C:	8
Change in condition Melting point/freezing point: Initial boiling point and boiling range	0 °C ≆: 100 °C
Flash point:	Not applicable.
Flammability (solid, gas):	Not applicable.
Decomposition temperature:	Not determined.
Auto-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:	0.997 g/cm³
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.
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	(Contd. of page
Solubility in / Miscibility with water:	Fully miscible.
Partition coefficient: n-octanol/water:	Not determined.
Viscosity: Dynamic: Kinematic:	Not determined. Not determined.
Solvent content: Water:	95.0 %
Solids content:	5.0 %
9.2 Other information	No further relevant information available.

## **SECTION 10: Stability and reactivity**

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions** No dangerous reactions known.

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known.

## **SECTION 11: Toxicological information**

11.1 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.

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.

## **SECTION 12: Ecological information**

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

- **12.3 Bioaccumulative potential** No further relevant information available.
- 12.4 Mobility in soil No further relevant information available.

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(Contd. of page 4)

## Additional ecological information:

General notes:

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Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

#### 12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

#### **SECTION 13: Disposal considerations**

13.1 Waste treatment methods

Recommendation Disposal must be made according to official regulations.

Uncleaned packaging:

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

## **SECTION 14: Transport information**

14.1 UN-Number ADR, ADN, IMDG, IATA	Void
14.2 UN proper shipping name ADR, ADN, IMDG, IATA	Void
14.3 Transport hazard class(es)	
ADR, ADN, IMDG, IATA Class	Void
14.4 Packing group ADR, IMDG, IATA	Void
14.5 Environmental hazards: Marine pollutant:	No
14.6 Special precautions for user	Not applicable.
14.7 Transport in bulk according to Annex of Marpol and the IBC Code	II Not applicable.
Transport/Additional information:	Not dangerous according to the above specifications.
UN "Model Regulation":	Void

#### **SECTION 15: Regulatory information**

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

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

National regulations:

Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

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

#### **SECTION 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: QS 0049-6151-8102-0 Contact: QS 0049-6151-8102-0 Worldwide local emergency numbers Argentina Spanish Local (City) Buenos Aires Americas 54-1159839431 Australia English Local (City) Sydney Oceania 61-290372994 Austria German Local (City) Vienna Europe 43-13649237 Belgium French Local (City) Brussels Europe 32-28083237 Brazil Portuguese Local (City) Rio De Janeiro Americas 55-2139581449 Brazil Portuguese Local (City) Sao Paulo Americas 55-1143491359 Brazil - Toll Free Portuguese Toll free Mobile-Enabled Americas 0800 892 0479 Bulgaria Bulgarian Local (City) Plovdiv Europe 359-32570104 Cayman Islands English Local (National) Americas 345-749-8392 Chile Spanish Local (City) Santiago Americas 56 2 2581 4934 China Mandarin Local (National) Asia 4001-204937 Colombia Spanish Toll Free Americas 01800-710-2151 Costa Rica Spanish Local (National) Americas 506-40003869 Croatia Croatian Local (City) Zagreb Europe 385-17776920 Czech Republic Czech Local (City) Prague Europe 420-228880039 Denmark Danish Local (National) Europe 45-69918573 Dominican Republic Spanish Local (City) Santo Domingo Americas (829) 956-7588 El Salvador Spanish Local (City) San Salvador Americas 503 2136 7633 Estonia Estonian Local (National) Europe 372-6681294 Finland Finnish Local (City) Helsinki Europe 358-942419014 France French National Europe 33-975181407 Germany German Local (City) Frankfurt Europe 49-69643508409 0800-181-7059 Greece Greek Local (City) Athens Europe 30-2111768478 Grenada English Local (City) St George Americas 1 (473) 230-0165 Guinea French Americas 224 660 71 03 00 Hong Kong Toll Free Asia 800-968-793 Hungary Hungarian Local (City) Budapest Europe 36-18088425 Iceland Icelandic Local (City) Reykjavik Europe 354 539 0655 India Hindi, Bengali, English Asia 000-800-100-7141 Indonesia Indonesian Toll Free Asia 001-803-017-9114 Ireland English Local (City) Dublin Europe 353-19014670 Israel Hebrew Local (City) Tel Aviv Asia 972-37630639 Italy Italian Local (City) Milan Europe 39-0245557031 800-789-767 Japan Japanese Local (City) Tokyo Asia 81-345209637 Latvia Latvian Lettish Local (City) Riga Europe 371-66165504 Lithuania Lithuanian Local (City) Vilnius Europe 370-52140238 Luxembourg French and German Europe 352-20202416 Macedonia Macedonian Local (City) Skopje Europe 389 2 551 7456 Malaysia Malay Local (City) Kuala Lumpur Asia 60-39212579 41-800-815-308 Mexico Spanish Americas 01-800-681-9531 Netherlands Dutch Europe 31-858880596 New Zealand English Local (City) Auckland Oceania 64-98010034 Nigeria Hausa Local (City) Lagos Europe 234 1 227 8883 Panama Spanish Local (National) Americas 507-8322475 Peru Spanish Local (City) Lima Americas 51-17071295 Philippines Tagalog Local (City) Manila Asia 1-800-1-116-1020 Poland Polish Local (City) Warsaw Europe 48-223988029 Portugal Portuguese Local (National) Europe 351-308801773 Romania Romanian Local (National) Europe 40-37-6300026



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#### Trade name: RIDA®GENE RSV & hMPV Internal Control RNA

(Contd. of page 6) Russia RussianToll Free Mobile-Enabled Asia 8-800-100-6346 Saudi Arabia Arabic and English CHEMTREC DID Only Asia 966-8111095861 Singapore English and Mandarin Asia 65-31581349 or 800-101-2201 Slovakia Slovak Local (City) Bratislava Europe 421-233057972 Slovenia Slovenian Local (City) Ljubljana Europe 38-618888016 South Africa English Toll Free Africa 0-800-983-611 South Korea Korean Toll Free Asia 003-0813-2549 and 080-822-1374 Spain Spanish Local (City) Barcelona Europe 34-931768545 and 900-868538 Sweden Swedish Local (City) Stockholm Europe 46-852503403 Switzerland German and French and Italian Zurich Europe 41-435082011 Taiwan Mandarin Local (City) Taipei Asia 886-2-7741-4207 and 00801-14-8954 Thailand Thai Toll Free Asia 01-800-13-203-9987 Trinidad and Tobago English Local (National) Americas 1-868-224-5716 Turkey Turkish Local (City) Istanbul Europe 90-212-7055340 Ukraine Ukrainian Europe 380-947101374 United Kingdom English Local (City) London Europe 44-870-8200418 and 44-2038073798 Abbreviations and acronyms: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals 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) PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative \* Data compared to the previous version altered.