

1. Identification of the substance/mixture and of the company/undertaking
1.1 Product identifier

SARS-CoV-2 Lysis Buffer

Catalog no.: e70464

The product contains:

SIBA R1 buffer

1.2 Relevant, identified uses - and uses advised against (if any)

Laboratory chemical

1.3 Supplier of this SDS

Qlife ApS
Borupvang 3.
DK-2750 Ballerup
Denmark

 Phone: +45 71 90 55 04
Fax: NA
Email: support@egoo.health
Web: www.egoo.health
1.4 Emergency phone numbers

Argentina	Buenos Aires	+54 412 5202/ +53 576 8624/ +54 11 4962 2247
	Ciudad de Buenos Aires	+54 11 4801 7767
	El Palomar	+54 46 58 777/ +54 46 54 6648
	Rosario	+54 341 448 0202
	Godoy Cruz	+54 261 4282020
Austria	+43 1 406 43 43	
Australia	131126	
Belgium	+32 70 245 245	
Bulgaria	+359 2 9154 233	
Croatia	+3851 2348 342.	
Cyprus	1401	
Czech Republic	+420 224 919 293 / +420 224 915 402	
Denmark	Danish Poison Center (Giftlinjen): +45 8212 1212	
Estonia	112 or 16662	
Finland	0800 147 111 or 09 471 977	
France	Angers	02 41 48 21 21
	Bordeaux	05 56 96 40 80
	Lille	0800 59 59 59
	Lyon	04 72 11 69 11
	Marseille	04 91 75 25 25
	Nancy	03 83 22 50 50
	Paris	01 40 05 48 48
	Strasbourg	03 88 37 37 37
	Toulouse	05 61 77 74 47
Germany	112/ +49 30192 40/ Erfurt: +49 361730730	
Greece	+30 21 07 79 37 77	
Hungary	+36 80 20 11 99	
Iceland	112/ +354 543 22 22	

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1.4 Emergency phone numbers

Ireland	+353 1 837 9964 (medical professionals) +353 1 809 2166 (public)	
Israel	+972 4 854 19 00	
Italy	Foggia	71122 800183459
	Napoli	80131 081-5453333
	Roma	161 06-49978000 or 168 06-3054343 or 400165 06 68593726
	Firenze	50134 0557947819
	Pavia	27100 0382-24444
	Milano	20612 02-66101029
	Bergamo	24127 800883300
Latvia	112 or +371 67042473	
Liechtenstein	112	
Lithuania	8-5 2362052	
Luxembourg	(+352) 8002 5500	
The Netherlands	+31(0)30 274 8888	
Norway	22 59 13 00	
Poland	Krakow	+48 (12) 411 99 99
	Lodz	+48 42 63 14 724
	Sosnowiec	+48 32 266 11 45
	Warszawa	+48 22 619 66 54
	Wroclaw	+48 71 343 30 08
	Gdansk	+48 (58) 682 04 04
Portugal	+351 800 250 250	
Romania	+402 212 106 282	
Russia	Ekaterinburg	+7 343 229 9857
	Moscow	+7 495 628 1687
	Saint-Petersburg	+7 921 757 3228
Slovakia	+421 2 5477 4166	
Slovenia	112 or +386 41 635 500	
Spain	+34 91 562 04 20	
Sweden	112 (national callers); +46 (0)10 456 6700	
Switzerland	+41 44 251 51 51 (in Switzerland dial 145)	
Turkey	+90 0312 433 70 01 or 0 800 314 7900	
United Kingdom	Non-emergency 111 number for specific information on poisons, or 999 in an emergency. (844 892 0111)	

Other countries see:


https://www.who.int/gho/phe/chemical_safety/poisons_centres/en/

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2. Hazards identification
2.1 Classification of mixture

Name of component	Classification according to regulation (EC) No 1272/2008	H Statements
SIBA R1 buffer	Skin Sens. 1; H317 Aquatic Chronic 3; H412	May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.

2.2 Label elements mixture

Name of component	Hazard pictograms	Signal word	H Statements	P Statements
SIBA R1 buffer		Warning	H317 May cause an allergic skin reaction. H412 Harmful to aquatic life with long lasting effects.	P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection. P333+P313 If skin irritation or a rash occurs: Get medical advice/attention. P362 Take off contaminated clothing and wash before reuse. P272 Contaminated work clothing should not be allowed out of the workplace. P302+P352 IF ON SKIN: Wash with soap and water.

2.3 Other hazards (if any) not resulting in classification

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**Material Safety Data Sheet (MSDS)**According to Annex II of EC Regulation
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Component	Substance	Concentration (in kit component)	CAS Reg. #	EC #	Classification (kit component)
SIBA R1 buffer	Reaction mass of: 5-chloro-2-methyl- 2H-isothiazolin-3- one and 2-methyl- 2H-isothiazol-3- one (3:1)	<0.004%	55965-84-9	911-418-6	Acute Tox. 3, Acute Tox. 2, Skin Corr. 1C, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H301 H310 H330 H314 H318 H317 H400 H410 M=100, M(Chronic): 100

Other information:

Reaction mass of 5-chloro-2-methyl-2H-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1):

- Eye Dam. 1: $C \geq 0.6\%$
- Eye Irrit. 2; H319: $0.06\% \leq C < 0.6\%$
- Skin Corr. 1C: $C \geq 0.6\%$
- Skin Irrit. 2; H315: $0.06\% \leq C < 0.6\%$
- Skin Sens. 1A: $C \geq 0.0015\%$

4. First aid measures**4.1 First aid measures**

After inhalation: Immediately remove the casualty from exposure and move to fresh air. If breathing stops, immediately apply mechanical ventilation and apply an oxygen mask if available. Arrange medical treatment.

After skin contact: Wash off with plenty of soap water. Remove contaminated clothing. If necessary, arrange medical treatment.

After eye contact: Rinse out with plenty of water with the eyelids held wide open. Arrange medical treatment.

After ingestion: Immediately make casualty drink plenty of water (up to 2 glasses). Immediately arrange medical treatment.

4.2 Important symptoms and effects, acute and delayed

If first aid measures are adhered to: No acute or delayed effects.

Otherwise: Irritation of skin, eyes.

4.3 Indication of immediate medical attention and special treatment

Other than described in subsection 4.1: At the discretion of medical staff, depending on the casualty's condition.

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5. Fire-fighting measures

5.1 Suitable extinguishing media

Water spray, dry power or foam.

5.2 Special hazards arising from the substance or mixture

Carbon monoxide and carbon dioxide can be released in case of fire.

5.3 Advice for fire fighters

Wear suitable protective equipment and self-contained breathing apparatus.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Do not inhale aerosols. Immediately change contaminated clothing.

6.2 Environmental precautions

Contain spillage. Prevent the mixtures from entering sewer systems.

6.3 Methods and material for containment and cleaning up

Mechanically recover the product. Clean with liquid-absorbent material and forward for disposal. Clean up affected area with appropriate detergents.

7. Handling and storage

7.1 Precautions for safe handling

General Good Laboratory Practice must be maintained.

7.2 Conditions for safe storage, including any incompatibilities

Adhere to storage recommendations and expiry date as indicated on product labels.

7.3 Specific end use(s)

The product is intended only for professional use and only for the uses described in subsection 1.2.

8. Exposure controls/personal protection

8.1 Personal protection/skin protection

Wear laboratory coat and protective gloves.

8.2 Respiratory protection

In case of unintentional release of reagents in amounts where the possibility of aerosol formation exists:
Appropriate face mask.

8.3 Eye/face protection

Not required when handling as recommended.

9. Physical and chemical properties

Parameter	Value	Method/Reference	Comments
Appearance	Clear liquid	Visual check	No data available on the components. Not further investigated due to minimal relevance for these non-hazardous mixtures.
Odor	Odorless	NA	
Colour	Colourless	NA	

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10. Stability and reactivity

10.1 Reactivity

Not reactive.

10.2 Chemical stability

Stable, no hazardous reaction when handled and stored according to provisions.

10.3 Possibility of hazardous reactions

No hazardous reactions known.

10.4 Conditions to avoid

None when handling as recommended.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

None known.

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity:	CMIT/MIT: LD50 oral (rat) 64 mg/kg, LD50 dermal (rabbit) 87 mg/kg, LC50 inhale (rat) 0.17 mg/kg
Skin corrosion/irritation:	Skin – Rabbit CMIT/MIT: Result: Corrosive, category 1C
Serious eye damage/irritation:	Eyes – Rabbit CMIT/MIT: Result: Causes serious eye damage
Skin sensitization:	Maximization Test – Guinea pig CMIT/MIT: Result: Positive
Respiratory irritation:	Data not available.
Respiratory sensitization:	Data not available.
Germ cell mutagenicity:	Data not available.
Carcinogenicity:	Data not available.
Reproductive toxicity:	Data not available.
STOT-single exposure	Data not available.
STOT-repeated exposure:	Data not available.
Aspiration hazard:	Data not available.
Repeated dose toxicity	Data not available.

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12. Ecological information

12.1 Toxicity:

Aquatic toxicity:

CMIT/MIT; Toxicity to fish: Flow-through test LC50 - *Oncorhynchus mykiss* (rainbow trout) – 0.19 mg/L - 96 h.
Toxicity to daphnia and other aquatic invertebrates: Flow-through test LC50 - *Daphnia magna* (Water flea) – 0.18 mg/L - 48 h. Toxicity to bacteria: Static test EC50 - activated sludge – 4.5 mg/L - 3 h.

Toxic effects on other organisms:

Data not available.

12.2 Persistence and degradability:

Data not available.

12.3 Bioaccumulative potential:

Data not available.

12.4 Mobility in soil:

Data not available.

12.5 Results of PBT and vPvB assessment:

Data not available.

12.6 Other adverse effects:

Data not available.

13. Disposal considerations

National regulations for disposal must be adhered to, for both disposal of packaging material and any remaining product.

13.1 Waste treatment methods

No specific waste treatment methods required.

14. Transport information

No special transport regulations apply.

14.1 UN number: NA

14.2 UN proper shipping name: NA

14.3 Transport hazard class(es): NA

14.4 Hazard group: NA

14.5 Environmental hazards: NA

14.6 Special precautions for user: NA

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code: NA

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None.

15.2 Chemical safety assessment

Not found on any of the inherent substances in these mixtures.

16. Other information

NA

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