

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### ViroQ Solvent

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

### 1.1. Product identifier

ViroQ Solvent

Content of:

ViroQ SARS-CoV-2 (REF 728250 and 728252, 728251 and 728253), ViroQ Rapid SARS-CoV-2 (REF 728263, 728264) and ViroQ SARS-FluA/B-RSV (REF 728267, 728268)

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

#### Use of the substance/mixture

Laboratory chemicals.

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

Company name:	BAG Diagnostics GmbH	
Street:	Amtsgerichtsstr. 1-5	
Place:	D-35423 Lich	
Telephone:	+49 (0)6404 925-100	Telefax: +49 (0)6404 925-460
e-mail:	<a href="mailto:info@bag-diagnostics.com">info@bag-diagnostics.com</a>	
Contact person:	Dr. Evelyn Sachsenberg	Telephone: +49 (0)6404 925-217
e-mail:	<a href="mailto:e.sachsenberg@bag-diagnostics.com">e.sachsenberg@bag-diagnostics.com</a>	
Internet:	<a href="http://www.bag-diagnostics.com">www.bag-diagnostics.com</a>	

### 1.4. Emergency telephone number:

Extern: +49 (0)6131-19 240 Medizinische Klinik der Universität Mainz  
Intern: +49 (0)171-2157379

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) Nr. 1272/2008



STOT SE2

GHS08 health hazard  
H371 May cause damage to the central nervous system. Route of exposure: OralAcute Tox. 4  
Aquatic Chronic 3GHS 07  
H302 Harmful if swallowed.  
H412 Harmful to aquatic life with long lasting effects.

### 2.2. Label elements

#### Labelling according to Regulation (EC) 1272/2008

The product is classified and labelled according to the CLP regulation.

Signal word: **Warning**

Hazard pictograms:



GHS 07



GHS 08

#### Hazard-determining components of labelling:

tetramethylammonium chloride

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#### Hazard statements

- H302 Harmful if swallowed  
 H371 May cause damage to the central nervous system. Route of exposure: Oral  
 H412 Harmful to aquatic life with long lasting effects

#### Precautionary statements

- P101 If medical advice is needed, have product container or label at hand.  
 P102 Keep out of reach of children  
 P103 Read label before use  
 P260 Do not breathe dust/fume/gas/mist/vapours/spray  
 P273 Avoid release to the environment  
 P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell  
 P330 Rinse mouth  
 P405 Store locked up  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations

#### 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 listed below with nonhazardous additions.

#### Dangerous components

CAS: 56-81-5	glycerol	>1-≤5%
EINECS: 200-289-5	Substance with a Community workplace exposure limit	
CAS: 75-57-0	tetramethylammonium chloride	>2.5-<10%
EINECS: 200-880-8	 Acute Tox. 2, H300, Acute Tox. 3, H311	
	 STOT SE 1, H370	
	 Aquatic Chronic 2, H411	
	 Skin Irrit. 2, H315	

**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

Take affected persons out into the fresh air. Do not leave affected persons unattended.

#### After inhalation

Supply fresh air; consult doctor in case of complaints.

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#### After skin contact

Immediately wash with water and soap and rinse thoroughly.  
Seek medical treatment.

#### After eye contact

Rinse opened eye for several minutes under running water.  
Call a doctor immediately.

#### After swallowing

Call a doctor immediately.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing agents

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

##### For safety reasons unsuitable extinguishing agents

Water with full jet.

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

Formation of toxic gases is possible during heating or in case of fire.

#### 5.3. Advice for firefighters

##### Protective equipment

Mouth respiratory protective device. Do not inhale explosion gases or combustion gases.

### SECTION 6: Accidental release measures

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

Ensure adequate ventilation. Wear protective clothing.

#### 6.2. Environmental precautions

Do not allow product to reach sewage system or any water course.

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

Ensure adequate ventilation.  
Absorb liquid components with liquid-binding material.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace. Store in cool, dry place in tightly closed receptacles.

**Informations about fire – and explosion protection:** Keep ignition sources away – Do not smoke.

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

##### Requirements to be met by storerooms and receptacles

Store only in the original receptacle. Store away from oxidizing agents. Store away from foodstuffs.  
Keep container tightly sealed.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

**Ingredients with limit values that require monitoring at the workplace:** 56-81-5 glycerol

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

#### 8.2. Exposure controls

##### General protective and hygienic measures

The usual precautionary measures are to be adhered to when handling chemicals. Immediately remove all soiled and contaminated clothing. Do not inhale gases/ fumes/ aerosols. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

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#### Eye protection

Tightly sealed goggles.

#### Protection of hands

Protective gloves. **Material of gloves:** Nitrile rubber, NBR. **Recommended thickness of the material:**  $\geq 0,35$  mm.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 through time has to be found out by the manufacturer of the protective gloves and has to be observed.

#### Respiratory protection

Nor necessary if room is well-ventilated.

### SECTION 9: Physical and chemical properties

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

Form:	Fluid
Colour:	Colourless
Odour:	Weak, characteristic
pH-value:	8-9

#### Change in condition

Melting point/ freezing point: Undetermined.

Initial boiling point and boiling range: Undetermined.

Flash point: Not applicable

#### Explosive properties

Product does not present an explosion hazard.

Solubility in / Miscibility with water: Soluble

### 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

Carbon monoxide and carbon dioxide.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Acute toxicity:** harmful if swallowed**LD/LC50 values relevant for classification: 75-57-0 tetramethylammonium chloride**

Oral LD50 50 mg/kg (rat)

Dermal LD50 537 mg/kg (rat)

**STOT-single exposure:** May cause damage to the central nervous system. Route of exposure: Oral.

### SECTION 12: Ecological information

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#### 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

Not applicable

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### **European waste catalogue**

Dispose of contents/ container in accordance with local/ regional/ national/ international regulations.

##### **Uncleaned packaging:**

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

### SECTION 14: Transport information

#### Land transport (ADR/RID)

14.3. Transport hazard class (es): void

#### Air transport (ICAO-TI/IATA-DGR)

14.3. Transport hazard class (es): void

### SECTION 15: Regulatory information

#### 15.1. Vorschriften zu Sicherheit, Gesundheits- und Umweltschutz/spezifische Rechtsvorschriften für den Stoff oder das Gemisch

Directive 2012/18/EU

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

REGULATION (EG) Nr. 1907/2006 ANNEX XVII Conditions of restriction: 3

#### 15.2. Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

#### **Further Information**

The information is based on present level of our knowledge. It does not, however, give assurances of product

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Properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

#### Relevante Angaben:

H300 Fatal if swallowed

H311 Toxic in contact with skin

H315 Causes skin irritation

H370 Causes damage to the central nervous system. Route of exposure: Oral

H411 Toxic to aquatic life with long lasting effects

#### Training hints:

Employees who use the product have to be trained on risk for health, hygiene, use of individual protection, accident preventive actions, rescue actions, etc.