

# SAFETY INFORMATION

Voluntary safety information following the Safety Data Sheet format according to Regulation (EC) No. 1907/2006 (REACH)

**Revision date:** 2 Jun 2023

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**Version:** 1

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## Mycoplasma pneumoniae Antigen - BA127VS

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

#### 1.1. Product identifier

**Trade name/designation:**

Mycoplasma pneumoniae Antigen - BA127VS

**Article No.:**

BA127VS

**UFI:**

EADJ-WFJ9-GUP9-376D

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

**Use of the substance/mixture:**

The product is intended for professional use.

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

**Supplier (manufacturer/importer/only representative/downstream user/distributor):**

**Institut Virion\Serion GmbH**

Productmanagement

Friedrich-Bergius-Ring 19

97076 Würzburg

Germany

**Telephone:** +49 931 3045 0

**Telefax:** +49 931 3045 100

**E-mail:** product.safety@virion-serion.de

**Website:** www.virion-serion.de

#### 1.4. Emergency telephone number

No data available

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008 [CLP]**

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

#### 2.2. Label elements

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

According to EC directives or the corresponding national regulations the product does not have to be labelled.

**Hazard components for labelling:**

2-mercaptoethanol; sodium azide; Phenylmethylsulfonylfluorid; Ethylendiamintetraessigsäure

**Hazard statements:** none

**Supplemental hazard information:** none

**Precautionary statements:** none

**Special rules for supplemental label elements for certain mixtures:**

2,0 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (oral).

2,0 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (dermal).

2,0 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (inhalative).

#### 2.3. Other hazards

No data available

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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 60-24-2 EC No.: 200-464-6 REACH No.: 01-2119517582-41-XXXX	<b>2-mercaptoethanol</b> Acute Tox. 2 (H310), Acute Tox. 3 (H301, H331), Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Eye Dam. 1 (H318), STOT RE 2 (H373), Skin Irrit. 2 (H315), Skin Sens. 1 (H317)  Danger	0 - < 0.04 weight-%
CAS No.: 60-00-4 EC No.: 200-449-4 Index No.: 607-429-00-8	<b>Ethylendiamintetraessigsäure</b> Eye Irrit. 2 (H319)  Warning	0 - ≤ 0.03 weight-%
CAS No.: 26628-22-8 EC No.: 247-852-1 Index No.: 011-004-00-7	<b>sodium azide</b> Acute Tox. 1 (H310), Acute Tox. 2 (H300), Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410)  Danger	0 - ≤ 0.01 weight-%
CAS No.: 329-98-6 EC No.: 206-350-2	<b>Phenylmethylsulfonylfluorid</b> Acute Tox. 3 (H301), Skin Corr. 1B (H314)  Danger	0 - ≤ 0.01 weight-%

Full text of H- and EUH-phrases: see section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

##### Following inhalation:

Provide fresh air.

##### After eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

##### Following ingestion:

Rinse mouth. Let 1 glass of water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

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

No known symptoms to date.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

No data available

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

##### Hazardous combustion products:

In case of fire: Gases/vapours, toxic

#### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

#### 5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

**Personal precautions:**

Avoid breathing dust/fume/gas/mist/vapours/spray. Remove persons to safety.

**Protective equipment:**

Wear protective gloves/protective clothing/eye protection/face protection.

##### 6.1.2. For emergency responders

**Personal protection equipment:**

Personal protection equipment: see section 8

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

**For containment:**

Collect spillage. Measures to prevent aerosol and dust generation Wet clean or vacuum up solids.

**For cleaning up:**

Water (with cleaning agent)

#### 6.4. Reference to other sections

Safe handling: see section 7. Personal protection equipment: see section 8. Disposal: see section 13.

#### 6.5. Additional information

Use appropriate container to avoid environmental contamination.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Protective measures**

**Advices on safe handling:**

Wear personal protection equipment (refer to section 8).

**Measures to prevent aerosol and dust generation:**

Dust should be exhausted directly at the point of origin.

**Advices on general occupational hygiene**

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.

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

**Technical measures and storage conditions:**

Keep container tightly closed in a cool, well-ventilated place.

**Storage class (TRGS 510, Germany):** 6.1C - Combustible substances of acute toxicity, category 3 / hazardous substances that are toxic or produce chronic effects

#### 7.3. Specific end use(s)

No data available

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
WEL (GB)	<b>sodium azide</b> CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 mg/m <sup>3</sup> ② 0.3 mg/m <sup>3</sup> ⑤ (may be absorbed through the skin)
IOELV (EU)	<b>sodium azide</b> CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 mg/m <sup>3</sup> ② 0.3 mg/m <sup>3</sup> ⑤ (may be absorbed through the skin)

##### 8.1.2. Biological limit values

No data available

##### 8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
<b>sodium azide</b> CAS No.: 26628-22-8 EC No.: 247-852-1	0.0164	① DNEL worker ② Long-term - inhalation, systemic effects
<b>sodium azide</b> CAS No.: 26628-22-8 EC No.: 247-852-1	0.0467	① DNEL worker ② Long-term - dermal, systemic effects
<b>sodium azide</b> CAS No.: 26628-22-8 EC No.: 247-852-1	0.0167	① DNEL worker ② Long-term - oral, systemic effects

Substance name	PNEC Value	① PNEC type
<b>sodium azide</b> CAS No.: 26628-22-8 EC No.: 247-852-1	0.00035 mg/L	① PNEC aquatic, freshwater
<b>sodium azide</b> CAS No.: 26628-22-8 EC No.: 247-852-1	0.000015 mg/L	① PNEC aquatic, marine water
<b>sodium azide</b> CAS No.: 26628-22-8 EC No.: 247-852-1	0.0167 mg/kg	① PNEC sediment, freshwater
<b>sodium azide</b> CAS No.: 26628-22-8 EC No.: 247-852-1	0.00072 mg/kg	① PNEC sediment, marine water

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

No data available

##### 8.2.2. Personal protection equipment

###### Eye/face protection:

Eye glasses with side protection: EN 166

###### Skin protection:

Tested protective gloves must be worn: EN ISO 374. Suitable material: NBR (Nitrile rubber). Breakthrough time: 480 min. In the case of wanting to use the gloves again, clean them before taking off and air them well.

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### Respiratory protection:

Particle filter device (EN 143). Observe the wear time limits as specified by the manufacturer.

### 8.2.3. Environmental exposure controls

No data available

## SECTION 9: Physical and chemical properties

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

#### Appearance

**Physical state:** Liquid

**Colour:** not determined

**Odour:** not determined

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

No data available

### 10.3. Possibility of hazardous reactions

No data available

### 10.4. Conditions to avoid

No data available

### 10.5. Incompatible materials

No data available

### 10.6. Hazardous decomposition products

No data available

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

**2-mercaptoethanol** CAS No.: 60-24-2 EC No.: 200-464-6

**LD<sub>50</sub> oral:** 244 mg/kg (Rat)

**LD<sub>50</sub> dermal:** 112 mg/kg (Rabbit)

**LC<sub>50</sub> Acute inhalation toxicity (vapour):** 2.03 mg/L 4 h (Rat)

**Ethylendiamintetraessigsäure** CAS No.: 60-00-4 EC No.: 200-449-4

**LD<sub>50</sub> oral:** 2,800 mg/kg (Rat)

**sodium azide** CAS No.: 26628-22-8 EC No.: 247-852-1

**LD<sub>50</sub> oral:** 27 mg/kg (Rat)

**LD<sub>50</sub> dermal:** 18 mg/kg (Rabbit)

**LC<sub>50</sub> Acute inhalation toxicity (dust/mist):** 5.4 mg/L 4 h (Rat)

**Phenylmethylsulfonylfluorid** CAS No.: 329-98-6 EC No.: 206-350-2

**LD<sub>50</sub> oral:** 200 mg/kg (Maus)

#### Acute oral toxicity:

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

#### Acute dermal toxicity:

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

#### Acute inhalation toxicity:

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

#### Skin corrosion/irritation:

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

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### 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.

### 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.

### Additional information:

No data available

### 11.2. Information on other hazards

No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>2-mercaptoethanol</b> CAS No.: 60-24-2 EC No.: 200-464-6
LC <sub>50</sub> : 37 mg/L 4 d (fish) ECHA
EC <sub>50</sub> : 0.4 mg/L 2 d (Daphnia and other aquatic invertebrates) ECHA
EC <sub>50</sub> : 125 mg/L (soil dwelling microorganisms) ECHA
ErC <sub>50</sub> : 19 mg/L 3 d (Algae/water plant) ECHA
<b>Ethylendiamintetraessigsäure</b> CAS No.: 60-00-4 EC No.: 200-449-4
LC <sub>50</sub> : 41 mg/L 4 d (fish)
EC <sub>50</sub> : 610 mg/L 2 d (Daphnia magna (Big water flea))
EC <sub>50</sub> : 56 mg/L (Pseudomonas putida)
<b>sodium azide</b> CAS No.: 26628-22-8 EC No.: 247-852-1
EC <sub>50</sub> : 0.348 mg/L 4 d (Algae/water plant)

### 12.2. Persistence and degradability

No data available

### 12.3. Bioaccumulative potential

No data available

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

<b>2-mercaptoethanol</b> CAS No.: 60-24-2 EC No.: 200-464-6
Results of PBT and vPvB assessment: —
<b>Ethylendiamintetraessigsäure</b> CAS No.: 60-00-4 EC No.: 200-449-4
Results of PBT and vPvB assessment: —
<b>sodium azide</b> CAS No.: 26628-22-8 EC No.: 247-852-1
Results of PBT and vPvB assessment: —

### 12.6. Endocrine disrupting properties

No data available

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### 12.7. Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Waste treatment options

##### Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

## SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1. UN number or ID number</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.2. UN proper shipping name</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.3. Transport hazard class(es)</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.4. Packing group</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.5. Environmental hazards</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.6. Special precautions for user</b>			
not relevant	not relevant	not relevant	not relevant

### 14.7. Maritime transport in bulk according to IMO instruments

No data available

## SECTION 15: Regulatory information

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

#### 15.1.1. EU legislation

##### Other regulations (EU):

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]: This product is not assigned to a hazard category.

#### 15.1.2. National regulations

No data available

### 15.2. Chemical Safety Assessment

No data available

## SECTION 16: Other information

### 16.1. Indication of changes

No data available

### 16.2. Abbreviations and acronyms

No data available

### 16.3. Key literature references and sources for data

No data available

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### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

### 16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements	
H300	Fatal if swallowed.
H301	Toxic if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

### 16.6. Training advice

No data available

### 16.7. Additional information

No data available