# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

**Revision date** 16-Mar-2023 **Revision Number** 3.2

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

### 1.1. Product identifier

**Product Name** BioPlex 2200 Syphilis IgG

**Catalogue Number(s)** 6651450

**Pure substance/mixture** Mixture

Contains 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone

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

**Recommended use** No information available

**Uses advised against** No information available

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

**Corporate Headquarters**
Bio-Rad Laboratories Inc.
1000 Alfred Nobel Drive
Hercules, CA 94547
USA

**Manufacturer**
Bio-Rad Laboratories
6565-185th Ave NE
Redmond, WA 98052
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**Legal Entity / Contact Address**
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**Technical Service** 00800 00246 723
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South Africa: cdg_techsupport_eemea@bio-rad.com

### 1.4. Emergency telephone number

24 Hour Emergency Phone Number CHEMTREC Ireland: 353-19014670
CHEMTREC India: 000-800-100-7141
CHEMTREC South Africa: 0-800-983-611

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

*Regulation (EC) No 1272/2008*

| | |
|---|---|
| **Skin sensitisation** | Category 1A - (H317) |

| | |
|---|---|
| **Chronic aquatic toxicity** | Category 3 - (H412) |

### 2.2. Label elements

Contains 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone

**Signal word**
Warning

**Hazard statements**
H317 - May cause an allergic skin reaction
H412 - Harmful to aquatic life with long lasting effects
EUH210 - Safety data sheet available on request

**Precautionary Statements - EU (§28, 1272/2008)**
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention
P273 - Avoid release to the environment
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P280 - Wear protective gloves/protective clothing/eye protection/face protection

### 2.3. Other hazards

Contains animal source material. (Cattle). (Mouse). Harmful to aquatic life.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

| Chemical name | Weight-% | REACH registration number | EC No (EU Index No) | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Specific concentration limit (SCL) | M-Factor | M-Factor (long-term) |
|---|---|---|---|---|---|---|---|
| 1,2,3-Propanetriol 56-81-5 | 5 - 10 | No data available | 200-289-5 | No data available | - | - | - |
| Sodium chloride 7647-14-5 | 1 - 2.5 | No data available | 231-598-3 | No data available | - | - | - |
| Sodium benzoate 532-32-1 | 0.01 - 0.099 | No data available | 208-534-8 | No data available | - | - | - |
| Sodium azide 26628-22-8 | 0.01 - 0.099 | No data available | 247-852-1 | Acute Tox. 2 (H300)<br>Acute Tox. 1 (H310) (EUH032)<br>Aquatic Acute 1 (H400)<br>Aquatic Chronic 1 (H410) | - | - | - |
| 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone | 0.001 - 0.01 | No data available | - | Acute Tox. 3 (H301)<br>Acute Tox. 3 (H311)<br>Acute Tox. 3 (H331)<br>Skin Corr. 1B (H314)<br>Eye Dam. 1 (H318) | Eye Irrit. 2 :: 0.06%<=C<0.6 %<br>Skin Corr. 1C :: C>=0.6% | 100 | 100 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 55965-84-9 | | | | Skin Sens. 1A (H317) (EUH071) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) | Skin Irrit. 2 :: 0.06%<=C<0.6 % Skin Sens. 1A :: C>=0.0015% Eye Dam. 1 :: C>=0.6% | | |

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

**Acute Toxicity Estimate**
If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

| Chemical name | Oral LD50 mg/kg | Dermal LD50 mg/kg | Inhalation LC50 - 4 hour - dust/mist - mg/L | Inhalation LC50 - 4 hour - vapour - mg/L | Inhalation LC50 - 4 hour - gas - ppm |
|---|---|---|---|---|---|
| 1,2,3-Propanetriol 56-81-5 | 12600 | 10000 | 2.75 | No data available | No data available |
| Sodium chloride 7647-14-5 | 3000 | 10000 | No data available | No data available | No data available |
| Sodium benzoate 532-32-1 | 4070 | No data available | No data available | No data available | No data available |
| Sodium azide 26628-22-8 | 27 | 20 | No data available | No data available | No data available |
| 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9 | 53 | 87.12 | No data available | No data available | No data available |

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General advice** Show this safety data sheet to the doctor in attendance.

**Inhalation** Remove to fresh air.

**Eye contact** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.

**Skin contact** Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a doctor.

**Ingestion** Rinse mouth.

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

**Symptoms** Itching. Rashes. Hives.

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

**Note to doctors** May cause sensitisation in susceptible persons. Treat symptomatically.

## SECTION 5: Firefighting measures

**5.1. Extinguishing media**

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Large Fire** CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

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

**Specific hazards arising from the chemical** Product is or contains a sensitiser. May cause sensitisation by skin contact.

**5.3. Advice for firefighters**

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## SECTION 6: Accidental release measures

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

**Personal precautions** Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

**For emergency responders** Use personal protection recommended in Section 8.

**6.2. Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

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

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

**6.4. Reference to other sections**

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

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

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store according to product and label instructions.

### 7.3. Specific end use(s)

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Exposure Limits**

| Chemical name | European Union | Austria | Belgium | Bulgaria | Croatia |
|---|---|---|---|---|---|
| 1,2,3-Propanetriol<br>56-81-5 | - | - | TWA: 10 mg/m³ | - | TWA: 10 mg/m³ |
| Sodium azide<br>26628-22-8 | TWA: 0.1 mg/m³<br>STEL: 0.3 mg/m³<br>* | TWA: 0.1 mg/m³<br>STEL 0.3 mg/m³<br>H* | * | STEL: 0.3 mg/m³<br>TWA: 0.1 mg/m³<br>K* | TWA: 0.1 mg/m³<br>STEL: 0.3 mg/m³<br>* |
| 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone<br>55965-84-9 | - | TWA: 0.05 mg/m³<br>Skin sensitizer | - | - | - |
| Chemical name | Cyprus | Czech Republic | Denmark | Estonia | Finland |
| 1,2,3-Propanetriol<br>56-81-5 | - | TWA: 10 mg/m³<br>Ceiling: 15 mg/m³ | - | TWA: 10 mg/m³ | TWA: 20 mg/m³ |
| Sodium azide<br>26628-22-8 | *<br>STEL: 0.3 mg/m³<br>TWA: 0.1 mg/m³ | TWA: 0.1 mg/m³<br>Ceiling: 0.3 mg/m³<br>* | TWA: 0.1 mg/m³<br>H* | TWA: 0.1 mg/m³<br>STEL: 0.3 mg/m³<br>A* | TWA: 0.1 mg/m³<br>STEL: 0.3 mg/m³<br>iho* |
| Chemical name | France | Germany TRGS | Germany DFG | Greece | Hungary |
| 1,2,3-Propanetriol<br>56-81-5 | TWA: 10 mg/m³ | TWA: 200 mg/m³ | TWA: 200 mg/m³<br>Peak: 400 mg/m³ | TWA: 10 mg/m³ | - |
| Sodium benzoate<br>532-32-1 | - | TWA: 10 mg/m³<br>H* | TWA: 10 mg/m³<br>Peak: 20 mg/m³<br>* | - | - |
| Sodium azide<br>26628-22-8 | TWA: 0.1 mg/m³<br>STEL: 0.3 mg/m³<br>* | TWA: 0.2 mg/m³ | TWA: 0.2 mg/m³<br>Peak: 0.4 mg/m³ | TWA: 0.1 ppm<br>TWA: 0.3 mg/m³<br>STEL: 0.1 ppm<br>STEL: 0.3 mg/m³ | TWA: 0.1 mg/m³<br>STEL: 0.3 mg/m³ |
| Chemical name | Ireland | Italy MDLPS | Italy AIDII | Latvia | Lithuania |
| Sodium chloride<br>7647-14-5 | - | - | - | TWA: 5 mg/m³ | TWA: 5 mg/m³ |
| Sodium azide<br>26628-22-8 | TWA: 0.1 mg/m³<br>STEL: 0.3 mg/m³<br>Sk* | TWA: 0.1 mg/m³<br>STEL: 0.3 mg/m³<br>pelle* | Ceiling: 0.29 mg/m³<br>Ceiling: 0.11 ppm | TWA: 0.1 mg/m³<br>STEL: 0.3 mg/m³<br>* | *<br>TWA: 0.1 mg/m³<br>STEL: 0.3 mg/m³ |
| Chemical name | Luxembourg | Malta | Netherlands | Norway | Poland |
| 1,2,3-Propanetriol<br>56-81-5 | - | - | - | - | TWA: 10 mg/m³ |
| Sodium azide<br>26628-22-8 | *<br>STEL: 0.3 mg/m³<br>TWA: 0.1 mg/m³ | *<br>STEL: 0.3 mg/m³<br>TWA: 0.1 mg/m³ | TWA: 0.1 mg/m³<br>STEL: 0.3 mg/m³<br>H* | TWA: 0.1 mg/m³<br>STEL: 0.3 mg/m³ | STEL: 0.3 mg/m³<br>TWA: 0.1 mg/m³<br>* |
| Chemical name | Portugal | Romania | Slovakia | Slovenia | Spain |
| 1,2,3-Propanetriol<br>56-81-5 | TWA: 10 mg/m³ | - | TWA: 11 mg/m³ | TWA: 200 mg/m³<br>STEL: 400 mg/m³ | TWA: 10 mg/m³ |
| Sodium benzoate<br>532-32-1 | - | - | - | TWA: 10 mg/m³<br>STEL: 20 mg/m³<br>* | - |
| Sodium azide | TWA: 0.1 mg/m³ | TWA: 0.1 mg/m³ | TWA: 0.1 mg/m³ | TWA: 0.1 mg/m³ | TWA: 0.1 mg/m³ |

| | | | | | |
|---|---|---|---|---|---|
| 26628-22-8 | STEL: 0.3 mg/m³<br>Ceiling: 0.29 mg/m³<br>Ceiling: 0.11 ppm<br>P* | STEL: 0.3 mg/m³<br>* | *<br>Ceiling: 0.3 mg/m³ | STEL: 0.3 mg/m³<br>* | STEL: 0.3 mg/m³<br>vía dérmica* |

| Chemical name | Sweden | Switzerland | United Kingdom |
|---|---|---|---|
| 1,2,3-Propanetriol<br>56-81-5 | - | TWA: 50 mg/m³<br>STEL: 100 mg/m³ | TWA: 10 mg/m³<br>STEL: 30 mg/m³ |
| Sodium benzoate<br>532-32-1 | - | TWA: 0.2 ppm<br>TWA: 1 mg/m³<br>TWA: 10 mg/m³<br>STEL: 0.8 ppm<br>STEL: 4 mg/m³<br>STEL: 20 mg/m³<br>H* | - |
| Sodium azide<br>26628-22-8 | NGV: 0.1 mg/m³<br>Bindande KGV: 0.3 mg/m³ | TWA: 0.2 mg/m³<br>STEL: 0.4 mg/m³ | TWA: 0.1 mg/m³<br>STEL: 0.3 mg/m³<br>Sk* |
| 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone<br>55965-84-9 | - | TWA: 0.2 mg/m³<br>STEL: 0.4 mg/m³ | - |

**Biological occupational exposure limits**
This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

**Derived No Effect Level (DNEL)** No information available.
**Predicted No Effect Concentration (PNEC)**

**8.2. Exposure controls**

**Personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Hand protection** Wear suitable gloves.

**Skin and body protection** Wear suitable protective clothing.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

**Environmental exposure controls** No information available.

## SECTION 9: Physical and chemical properties

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

**Physical state** Liquid
**Appearance** Plastic cartridge containing various bottles Dilute bead suspension in aqueous solution
**Colour** light brown, light pink, light yellow
**Odour** No information available.
**Odour threshold** No information available

| Property | Values | Remarks • Method |
|---|---|---|
| **Melting point / freezing point** | No data available | None known |

| | | |
|---|---|---|
| **Boiling point / boiling range** | No data available | None known |
| **Flammability (solid, gas)** | No data available | None known |
| **Flammability Limit in Air** | | None known |
| **Upper flammability or explosive limits** | No data available | |
| **Lower flammability or explosive limits** | No data available | |
| **Flash point** | No data available | None known |
| **Autoignition temperature** | 200 °C | None known |
| **Decomposition temperature** | | None known |
| **pH** | 7-8 | |
| **pH (as aqueous solution)** | No data available | No information available |
| **Kinematic viscosity** | No data available | None known |
| **Dynamic viscosity** | No data available | None known |
| **Water solubility** | No data available | None known |
| **Solubility(ies)** | No data available | None known |
| **Partition coefficient** | No data available | None known |
| **Vapour pressure** | No data available | None known |
| **Relative density** No data available | | None known |
| **Bulk density** | No data available | |
| **Liquid Density** | No data available | |
| **Vapour density** | No data available | None known |
| **Particle characteristics** | | |
| **Particle Size** | No information available | |
| **Particle Size Distribution** | No information available | |

**9.2. Other information**

**9.2.1. Information with regards to physical hazard classes**
Not applicable

**9.2.2. Other safety characteristics**
No information available

## SECTION 10: Stability and reactivity

**10.1. Reactivity**

**Reactivity** No information available.

**10.2. Chemical stability**

**Stability** Stable under normal conditions.

**Explosion data**
**Sensitivity to mechanical impact** None.
**Sensitivity to static discharge** None.

**10.3. Possibility of hazardous reactions**

**Possibility of hazardous reactions** Avoid contact with metals. This product contains Sodium azide. Sodium azide can react with Copper, Brass, Lead, and solder in piping systems to form explosive compounds and toxic gases.

**10.4. Conditions to avoid**

**Conditions to avoid** None known based on information supplied.

**10.5. Incompatible materials**

**Incompatible materials** Metals.

**10.6. Hazardous decomposition products**

**Hazardous decomposition products** None known based on information supplied.

## SECTION 11: Toxicological information

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

**Information on likely routes of exposure**

**Product Information**

**Inhalation** Specific test data for the substance or mixture is not available.

**Eye contact** Specific test data for the substance or mixture is not available.

**Skin contact** May cause sensitisation by skin contact. Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components).

**Ingestion** Specific test data for the substance or mixture is not available.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** Itching. Rashes. Hives.

**Acute toxicity**

**Numerical measures of toxicity**

**Component Information**

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---|---|---|
| 1,2,3-Propanetriol | = 12600 mg/kg ( Rat ) | > 10 g/kg ( Rabbit ) | > 2.75 mg/L ( Rat ) 4 h |
| Sodium chloride | = 3 g/kg ( Rat ) | > 10000 mg/kg ( Rabbit ) | > 42 mg/L ( Rat ) 1 h |
| Sodium benzoate | = 4070 mg/kg ( Rat ) | - | - |
| Sodium azide | = 27 mg/kg ( Rat ) | = 20 mg/kg ( Rabbit ) | 0.054 - 0.52 mg/L ( Rat ) 4 h |
| 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone | = 53 mg/kg ( Rat ) | = 87.12 mg/kg ( Rabbit ) | - |

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** No information available.

**Serious eye damage/eye irritation** No information available.

**Respiratory or skin sensitisation** May cause an allergic skin reaction.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Aspiration hazard** No information available.

**11.2. Information on other hazards**

**11.2.1. Endocrine disrupting properties**

**Endocrine disrupting properties** No information available.

**11.2.2. Other information**

**Other adverse effects** No information available.

## SECTION 12: Ecological information

**12.1. Toxicity**

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

**Unknown aquatic toxicity** Contains 0 % of components with unknown hazards to the aquatic environment.

| Chemical name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|---|---|---|---|---|
| 1,2,3-Propanetriol | - | LC50: 51 - 57mL/L (96h, Oncorhynchus mykiss) | - | - |
| Sodium chloride | - | LC50: 5560 - 6080mg/L (96h, Lepomis macrochirus)<br>LC50: =12946mg/L (96h, Lepomis macrochirus)<br>LC50: 6020 - 7070mg/L (96h, Pimephales promelas)<br>LC50: =7050mg/L (96h, Pimephales promelas)<br>LC50: 6420 - 6700mg/L (96h, Pimephales promelas)<br>LC50: 4747 - 7824mg/L (96h, Oncorhynchus mykiss) | - | EC50: =1000mg/L (48h, Daphnia magna)<br>EC50: 340.7 - 469.2mg/L (48h, Daphnia magna) |
| Sodium benzoate | - | LC50: 420 - 558mg/L (96h, Pimephales promelas)<br>LC50: >100mg/L (96h, Pimephales promelas) | - | EC50: <650mg/L (48h, Daphnia magna) |
| Sodium azide | - | LC50: =0.8mg/L (96h, Oncorhynchus mykiss)<br>LC50: =0.7mg/L (96h, Lepomis macrochirus)<br>LC50: =5.46mg/L (96h, Pimephales promelas) | - | - |

**12.2. Persistence and degradability**

**Persistence and degradability** No information available.

**12.3. Bioaccumulative potential**

**Bioaccumulation**

**Component Information**

| Chemical name | Partition coefficient |
|---|---|
| 1,2,3-Propanetriol | -1.75 |
| Sodium benzoate | -2.13 |
| 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone | 0.7 |

**12.4. Mobility in soil**

**Mobility in soil** No information available.

**12.5. Results of PBT and vPvB assessment**

**PBT and vPvB assessment** No information available.

| Chemical name | PBT and vPvB assessment |
|---|---|
| 1,2,3-Propanetriol | The substance is not PBT / vPvB |
| Sodium chloride | The substance is not PBT / vPvB |
| Sodium benzoate | The substance is not PBT / vPvB |
| Sodium azide | The substance is not PBT / vPvB |
| 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone | The substance is not PBT / vPvB |

**12.6. Endocrine disrupting properties**

**Endocrine disrupting properties** No information available.

**12.7. Other adverse effects**
No information available.

## SECTION 13: Disposal considerations

**13.1. Waste treatment methods**

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. Flush pipes with water frequently if discarding solutions containing Sodium azide into metal piping systems.

**Contaminated packaging** Do not reuse empty containers.

## SECTION 14: Transport information

**IATA**

**14.1 UN number or ID number** Not regulated
**14.2 UN proper shipping name** Not regulated
**14.3 Transport hazard class(es)** Not regulated
**14.4 Packing group** Not regulated
**14.5 Environmental hazards** Not applicable
**14.6 Special Precautions for Users**
**Special Provisions** None

**IMDG**

**14.1 UN number or ID number** Not regulated

| | |
|---|---|
| **14.2 UN proper shipping name** | Not regulated |
| **14.3 Transport hazard class(es)** | Not regulated |
| **14.4 Packing group** | Not regulated |
| **14.5 Environmental hazards** | Not applicable |
| **14.6 Special Precautions for Users** | |
| **Special Provisions** | None |
| **14.7 Maritime transport in bulk according to IMO instruments** | No information available |

**RID**

| | |
|---|---|
| **14.1 UN number** | Not regulated |
| **14.2 UN proper shipping name** | Not regulated |
| **14.3 Transport hazard class(es)** | Not regulated |
| **14.4 Packing group** | Not regulated |
| **14.5 Environmental hazards** | Not applicable |
| **14.6 Special Precautions for Users** | |
| **Special Provisions** | None |

**ADR**

| | |
|---|---|
| **14.1 UN number or ID number** | Not regulated |
| **14.2 UN proper shipping name** | Not regulated |
| **14.3 Transport hazard class(es)** | Not regulated |
| **14.4 Packing group** | Not regulated |
| **14.5 Environmental hazards** | Not applicable |
| **14.6 Special Precautions for Users** | |
| **Special Provisions** | None |

## SECTION 15: Regulatory information

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

**National regulations**

**France**

**Occupational Illnesses (R-463-3, France)**

| Chemical name | French RG number | Title |
|---|---|---|
| Sodium chloride<br>7647-14-5 | RG 78 | - |

**Germany**

**Water hazard class (WGK)** obviously hazardous to water (WGK 2)

**European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

**Authorisations and/or restrictions on use:**

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

| Chemical name | Restricted substance per REACH Annex XVII | Substance subject to authorisation per REACH Annex XIV |
|---|---|---|
| 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone - 55965-84-9 | 75. | - |

**Persistent Organic Pollutants**

Not applicable

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable

**EU - Plant Protection Products (1107/2009/EC)**

| Chemical name | EU - Plant Protection Products (1107/2009/EC) |
|---|---|
| Sodium chloride - 7647-14-5 | Plant protection agent |

**Biocidal Products Regulation (EU) No 528/2012 (BPR)**

**International Inventories** Contact supplier for inventory compliance status

**15.2. Chemical safety assessment**

**Chemical Safety Report** No information available

## SECTION 16: Other information

**Key or legend to abbreviations and acronyms used in the safety data sheet**

**Full text of H-Statements referred to under section 3**
EUH032 - Contact with acids liberates very toxic gas
EUH071 - Corrosive to the respiratory tract
H300 - Fatal if swallowed
H301 - Toxic if swallowed
H310 - Fatal in contact with skin
H311 - Toxic in contact with skin
H314 - Causes severe skin burns and eye damage
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H331 - Toxic if inhaled
H400 - Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects

**Legend**
SVHC: Substances of Very High Concern for Authorisation:

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

| | | | |
|---|---|---|---|
| TWA | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value | * | Skin designation |

| Classification procedure | |
|---|---|
| Classification according to Regulation (EC) No. 1272/2008 [CLP] | Method Used |
| Acute oral toxicity | Calculation method |
| Acute dermal toxicity | Calculation method |
| Acute inhalation toxicity - gas | Calculation method |
| Acute inhalation toxicity - vapour | Calculation method |
| Acute inhalation toxicity - dust/mist | Calculation method |
| Skin corrosion/irritation | Calculation method |
| Serious eye damage/eye irritation | Calculation method |
| Respiratory sensitisation | Calculation method |
| Skin sensitisation | Calculation method |
| Mutagenicity | Calculation method |
| Carcinogenicity | Calculation method |
| Reproductive toxicity | Calculation method |
| STOT - single exposure | Calculation method |
| STOT - repeated exposure | Calculation method |
| Acute aquatic toxicity | Calculation method |
| Chronic aquatic toxicity | Calculation method |
| Aspiration hazard | Calculation method |
| Ozone | Calculation method |

**Key literature references and sources for data used to compile the SDS**
Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)
European Chemicals Agency (ECHA) (ECHA_API)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
National Institute of Technology and Evaluation (NITE)
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine’s PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme
Organisation for Economic Co-operation and Development Screening Information Data Set
World Health Organization

| | |
|---|---|
| **Revision Note** | Significant changes throughout SDS. Review all sections |
| **Revision date** | 16-Mar-2023 |

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**
**Disclaimer**
**The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.**

**End of Safety Data Sheet**