

# **TESTO-RIA-CT - KIP1709**

Safety Data sheet According to regulation (EU) 2020/878

Date of issue: 20.08.2024

Revision date: 28.03.2025

Version/Replaced version: 1.1/1.0

## The Safety Date Sheet is usable for:

# KIP1709 TESTO-RIA-CT

Refer to the instructions for the full list of product components

## Single components with dangerous ingredients :

| REF     | Name                   | Symbol         | Version |
|---------|------------------------|----------------|---------|
| 3117003 | Tracer (iodine 125 Ag) | Ag 125         | 1.0     |
| 3217052 | Calibrator 0           | _ CAL 0        | 1.0     |
| 3217059 | Calibrators 1-N        |                | 1.0     |
| 3501020 | Wash SolN Conc         | WASH SOLN CONC | 2.0     |

Read the MSDS for the component on the following pages.

## Single components containing biological material $\ensuremath{\textcircled{\$}}$ $\ensuremath{\textcircled{\$}}$ :

| REF     | Name                   | Origin material | Symbol    |
|---------|------------------------|-----------------|-----------|
| 3117043 | Tracer (iodine 125 Ag) | Animal origin   | Ag 125    |
| 3217048 | Coated tubes           | Animal origin   | Ū         |
| 3217052 | Calibrator 0           | Human origin    | CAL 0     |
| 3217056 | Control 1              | Human origin    | CONTROL 1 |
| 3217057 | Control 2              | Human origin    | CONTROL 2 |
| 3217059 | Calibrators 1-N        | Animal origin   |           |

## Single components for single use $\otimes$ :

| REF     | Name         | Symbol |
|---------|--------------|--------|
| 3217048 | Coated tubes | Ū      |

Not listed single components contain no hazardous substances in concentrations to be declared, a labelling is not required.



# Tracer (iodine 125 Ag) – 3117043

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| 1 Ide   | entification of substan   | ce/mixture and compar  | V  |
|---|---|--|--|
| 1.1<br>Product fo   | Product identifier  | : Mixture  |  |
| Product n   | ame   | : Tracer (iodine 125 Ag)   |  |
| Catalog #   |   | : 3117043  | REF  |
| 1.2   |   | of substance or mixture and  | uses advised against                         |
| 1.2.1<br>Use of the   | Relevant identified uses<br>e substance/mixture   | : Laboratory reagent, Immun<br>Use by professionals  | passays                                      |
| 1.2.2<br>No additio   | Uses advised against<br>onal information available  |  |  |
| DIAsource<br>Rue du B<br>B-1348 Lo<br>Belgium<br>Tel. Nr. + | Details of the supplier of<br>Manufacturer<br>e ImmunoAssays S.A.<br>osquet, 2<br>ouvain-la-Neuve<br>32 (0)10/84.99.11<br>oducts.support@diasource.be |  |  |
| Centre Ar   | Emergency telephone nu<br>e (only office hours)<br>nti-Poisons (BE)<br>fer to your local Anti-Poison C  | : +32 (0)10/84.99.23<br>: 070 245 245  |  |
| 2 Ha  | zards identification  |  |  |
| 2.1   | Classification of the subs  | stance or mixture  |  |
| Not class   | tion according to Regulation<br>ified as hazardous<br>g to EC directives or correspor   |  | t does not need to be classified or labelled |
| 2.2   | Label element   |  |  |
| Hazard sy<br>Signal wo<br>Hazard st                         | according to Regulation (EC)<br>/mbol (CLP)<br>rd (CLP)<br>atement (CLP)<br>n statement (CLP)   | <ul> <li>Not classified as hazardo</li> <li>Not classified as hazardo</li> <li>Not hazard statement</li> <li>P280 Wear protective glo</li> <li>P305+P351+P338 If in ey contact lenses, if present</li> </ul> |  |
| 2.3   | Other hazards   |  |  |

Radioactive material A: This mixture contains lodine-125, the activity of the mixture is indicated on the product label.lodine-125 is a gamma-rays (35,5 keV) and X-rays (28 keV) emitter. Radiation can be protected by 1mm of lead. Half-life: 59.4 days.

This product contains concentrations of azide below the hazardous level which with repeated contact with lead and copper commonly found in plumbing drains may result in the build up of shock sensitive compounds. Sodium azide forms explosive compounds with heavy metals.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## 3 Composition/information on ingredients

## 3.1 Substances

Not applicable

## 3.2 Mixtures

| Name         | Product identifier                       | %      | Classification according to Regulation (EC)<br>No. 1272/2008 [CLP] |
|--------------|--|--------|--|
| Sodium Azide | (CAS N°) 26628-22-8<br>(EC N°) 247-852-1 | ≤ 0,03 | Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410                   |
|              | (EC Index N°) 011-004-00-7               |        |  |



# Tracer (iodine 125 Ag) - 3117043

Safety Data sheet

According to regulation (EU) 2020/878

Date of issue: 20.08.2024 Revision date: -Version/Replaced version: 1.0/-Full text of H-statements: see section16 4 First aid measures 4.1 Description of first aid measures Get medical advice/attention if you feel unwell. If possible show him this sheet. Failing this, First-aid measures general show him the packaging or label. Never give anything by mouth to an unconscious person. Place the affected person in the recovery position. First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. First-aid measures after skin contact Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. First-aid measures after eye contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse mouth. Do NOT induce vomiting. Drink plenty of water as a precaution. First-aid measures after ingestion ÷ Most important symptom and effects, both acute and delayed 4.2 Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use. Indication of any immediate medical attention and special treatment needed 4.3 Treat symptomatically. 5 **Firefighting measures** 5.1 **Extinguishing media** Suitable extinguishing media Adapt extinguishing agents to the environment. Carbon dioxide. Foam. Dry extinguishing powder. Water spray. Unsuitable extinguishing media Do not use a heavy water stream. : 5.2 Special hazards arising from the substance or mixture Hazardous decomposition products in case of : Toxic gases may be formed. Carbon dioxide. Carbon monoxide. fire 5.3 Advice for firefighters **Firefighting instructions** : Prevent firefighting water from entering the environment. Use water spray or fog for cooling exposed containers. Protection during firefighting Use a self-contained breathing apparatus and also a protective suit. 6 Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures General measures Ensure adequate air ventilation. Avoid contact with skin and eyes. Do not breathe vapours/spray. 6.1.1 For non-emergency personnel Emergency procedures : Evacuate unnecessary personnel. 6.1.2 For emergency responders Protective equipment Use personal protective equipment as required. In case of inadequate ventilation wear respiratory protection. **Environmental precautions** 6.2 Contain spill to prevent migration. Do not allow the undiluted product to enter sewers/surface or ground water. Methods and material for containment and cleaning up 6.3 Methods for cleaning up Absorb spills to prevent radioactive contamination. Absorb spills with absorbent material, such as paper towels. Decontaminate with suitable products. Dispose of in accordance with relevant local regulations. 6.4 Reference to other sections Exposure controls and personal protection, see section 8. Concerning disposal elimination after cleaning, see section 13. Handling and storage 7.1 Precautions for safe handling Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid contact with skin and eyes. Do not breathe vapour/aerosol. Handle in accordance with good industrial hygiene and safety procedures. When using do not Hygiene measures eat, drink or smoke. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Conditions for safe storage, including any incompatibilities 7.2 Storage conditions Store in original container. Keep container tightly closed. To maintain product quality, store according to the instructions in the product labeling. Prohibitions on mixed storage : Keep away from food, drink and animal feeding stuffs.

Incompatible materials Printing date 18-04-25 : No additional information available.



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| 7.3        | Specific end use(s)   |
|------------|-----------------------|
| Laboratory | reagent, Immunoassays |

#### 8 Exposure controls/personnel protection

| 8.1Control parametersThe product does not contain any relevant quant | ties of materials with critical values that have to be monitored at the workplace.  |
|--|---|
| 8.2 Exposure controls  |   |
| Appropriate engineering controls                                     | : Provide local exhaust or general room ventilation to minimize vapour concentrations.  |
| Hand protection  | : Wear suitable gloves (EN 374). Nitrile rubber, 0.35 mm. Butyl rubber, 0.5 mm. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. |
| Eye protection   | : Wear safety glasses (EN 166).   |
| Skin and body protection   | : Wear suitable protective clothing.  |
| Respiratory protection   | : Under normal conditions, the use of this product should not require respiratory protection.   |
| Environmental exposure controls                                      | : Avoid release to the environment.   |

#### Physical and chemical properties 9

#### 9.1 Information on basic physical and chemical properties Physical state : Liquid Colour : Colorless Odor : Odorless : No data available Melting point/freezing point Boiling point or initial boiling point and boiling range No data available : No data available Flammability Lower and upper explosion limit : No data available : No data available Flash point Auto-ignition temperature : No data available : No data available Decomposition temperature pН [3.0 - 5.0] @ 20°C ÷ : No data available Kinematic viscosity Solubility : No data available Partition coefficient n-octanol/water (log value) : Not applicable : No data available Vapour pressure Density and/or relative density ÷., 1.00 @ 20°C Relative vapour density : No data available Particle size : Not applicable

#### 9.2 Other information

9.2.1 Information with regard to physical hazard classes Explosive properties : No explosive properties Oxidising properties : No oxidising properties

9.2.2 Other safety characteristics

## No additional information available

## 10 Stability and reactivity

#### 10.1 Reactivity

No dangerous reactions known under normal conditions of use.

#### 10.2 **Chemical stability**

Stable under use and storage conditions as recommended in section 7.

#### 10.3 Possibility of hazardous reactions

None under normal use.

#### 10.4 **Conditions to avoid**

Avoid exposure to heat and direct sunlight.

#### 10.5 Incompatible materials

No additional information available.

#### 10.6 Hazardous decomposition products

No hazardous decomposition products known at room temperature. In case of fire: Toxic gases may be formed. Carbon dioxide. Carbon monoxide.



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| 11 Toxicological information                                 |   |
|--|---|
|  | ined in Regulation (EC) No 1272/2009  |
| 11.1 Information on hazard classes as defi<br>Acute toxicity | : Not classified  |
|  | Based on available data, the classification criteria are not met  |
| Skin corrosion/irritation                                    | : Not classified  |
|  | Based on available data, the classification criteria are not met  |
| Serious eye damage/irritation                                | : Not classified  |
|  | Based on available data, the classification criteria are not met  |
| Respiratory or skin sensitization                            | : Not classified  |
|  | Based on available data, the classification criteria are not met  |
| Germ cell mutagenicity                                       | : Not classified  |
|  | Based on available data, the classification criteria are not met  |
| Carcinogenicity  | : Not classified  |
| Deproductive tovicity  | Based on available data, the classification criteria are not met  |
| Reproductive toxicity  | : Not classified<br>Based on available data, the classification criteria are not met  |
| Specific target organ toxicity (single exposure)             | : Not classified  |
| Specific target organ toxicity (single exposure)             | Based on available data, the classification criteria are not met  |
| Specific target organ toxicity (repeated exposure)           | : Not classified  |
|  | Based on available data, the classification criteria are not met  |
| Aspiration hazard  | : Not classified  |
|  | Based on available data, the classification criteria are not met  |
| 11.2 Information on other hazards                            |   |
| Potential adverse human health effects and symptor           | ms : Based on available data, the classification criteria are not met   |
|  |   |
| 12 Ecological information                                    |   |
| 12.1 Toxicity  |   |
| 1 ,  | Not classified  |
|  | Not classified  |
| 12.2 Persistence and degradability                           |   |
| Not required for inorganic substances.                       |   |
| 12.3 Bioaccumulative potential                               |   |
| Not required for inorganic substances.                       |   |
| 12.4 Mobility in soil  |   |
| No additional information available.                         |   |
| 12.5 Results of PBT and vPvB assessment                      | t   |
| Not fulfilling Persistent, Bioaccumulative and Toxic (       | PBT), very Persistent and very Bioaccumulative (vPvB) criteria.   |
| 12.6 Endocrine disrupting properties                         |   |
| No additional information available.                         |   |
| 12.7 Other adverse effects                                   |   |
| No additional information available.                         |   |
| 13 Disposal considerations                                   |   |
|  |   |
| 13.1 Waste treatment methods                                 |   |
| <b>o o</b> ( )   | Dispose in a safe manner in accordance with local/national regulations.   |
|  | Do not empty into drains. Dispose of this material and its container in a safe way.<br>The waste code number according to the Ordinance on the European Waste Catalogue |
|  | depends on the waste producer and can therefore vary for any given product. The waste   |
|  | code number is therefore to be gleaned separately from each waste producer.   |
| 14 Transport information                                     |   |
| In accordance with ADR / IMDG / IATA                         |   |
| 14.1 UN number or ID number                                  |   |
| UN-No. (ADR)   | : Not applicable  |
| UN-No. (IMDG)  | : Not applicable  |
| UN-No. (IATA)  | : Not applicable  |
| · · ·  |   |



# Tracer (iodine 125 Ag) - 3117043

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|--|--|---------------------------------|
| 14.2 UN proper shipping name           |  |                                 |
| Proper Shipping Name (ADR)             | : Not applicable                         |                                 |
| Proper Shipping Name (IMDG)            | : Not applicable                         |                                 |
| Proper Shipping Name (IATA)            | : Not applicable                         |                                 |
| 14.3 Transport hazard class(es)        |  |                                 |
| Transport hazard class(es) (ADR)       | : Not applicable                         |                                 |
| Transport hazard class(es) (IMDG)      | : Not applicable                         |                                 |
| Transport hazard class(es) (IATA)      | : Not applicable                         |                                 |
| 14.4 Packing group                     |  |                                 |
| Packing group (ADR)                    | : Not applicable                         |                                 |
| Packing group (IMDG)                   | : Not applicable                         |                                 |
| Packing group (IATA)                   | : Not applicable                         |                                 |
| 14.5 Environmental hazards             |  |                                 |
| Dangerous for the environment          | : No                                     |                                 |
| Marine pollutant                       | : No                                     |                                 |
| Other information                      | : No supplementary information available |                                 |
| 14.6 Special precautions for user      |  |                                 |
| Overland transport                     | : Not applicable                         |                                 |
| Transport by sea                       | : Not applicable                         |                                 |
| Air transport                          | : Not applicable                         |                                 |
| 14.7 Maritime transport in bulk accord | rding to IMO instruments                 |                                 |

Not applicable

## 15 Regulatory information

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

15.1.1 EU-Regulations

Contains no substance on the REACH candidate list.

Contains no REACH Annex XIV substances.

## 15.1.2 National regulations

Comply with applicable local regulations.

## 15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

| 16 Other information |   |
|----------------------|---|
| Data sources         | : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16<br>December 2008 on classification, labelling and packaging of substances and mixtures, amending and<br>repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. |

## Change compared to the previous version $\,$ : -

| Abbreviations a<br>ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road                               |  |
|------------------------|---|--|
|                        |   |  |
| CLP                    | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures                |  |
| DMEL                   | Derived Minimal Effect Level  |  |
| DNEL                   | Derived No-Effect Level   |  |
| EC50                   | The effective concentration of substance that causes 50% of the maximum response (Median Effective Concentration) |  |
| IATA                   | International Air Transport Association   |  |
| IMDG                   | "International Maritime Dangerous Goods Code" for the transport of dangerous goods by sea                         |  |
| LC50                   | Lethal Concentration to 50 % of a test population (Median Lethal Concentration)                                   |  |
| LD50                   | Lethal Dose to 50% of a test population (Median Lethal Dose)  |  |
| LOAEL                  | Lowest Observed Adverse Effect Level  |  |
| NOAEC/L                | No Observed Adverse Effect Concentration/Level  |  |
| NOEC/L                 | No Observed Effect Concentration/Level  |  |
| OECD                   | Organisation for Economic Cooperation and Development   |  |
| PBT                    | Persistent, Bioaccumulative and Toxic substance   |  |
| PNEC                   | Predicted No-Effect Concentration   |  |



# Tracer (iodine 125 Ag) – 3117043

Safety Data sheet

According to regulation (EU) 2020/878

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| REACH                 | Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals |
|-----------------------|--|
| SDS                   | Safety Data Sheet  |
| STP                   | Sewage Treatment Plant   |
| UFI                   | Unique Formula Identifier  |
| vPvB                  | Very Persistent and Very Bioaccumulative   |
| Full text of H- and E | UH-phrases:  |
| Aquatic Acute,1       | Aquatic Hazard Acute, Category 1   |
| Aquatic Chronic,1     | Aquatic Hazard Long term, Category 1   |
| H400                  | Very toxic to aquatic life.  |
| H410                  | Very toxic to aquatic life with long lasting effects.  |

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.



Date of issue: 20.08.2024

# Calibrator 0 – 3217052

Safety Data sheet

According to regulation (EU) 2020/878

Version/Replaced version: 1.0/-

| 1 Ider   | ntification of substa                             | nce/mixture and company  |
|--|---|--|
| 1.1  | Product identifier                                |  |
| Product for  | m   | : Mixture  |
| Product na   | me  | : Calibrator 0 CAL 0   |
| Catalog #  |   | : 3217052 <b>REF</b>   |
| 1.2  | Relevant identified use                           | s of substance or mixture and uses advised against   |
| 1.2.1  | Relevant identified uses                          |  |
| Use of the   | substance/mixture                                 | : Laboratory reagent, Immunoassays<br>Use by professionals   |
| 1.2.2<br>No additior   | Uses advised against<br>nal information available |  |
| 1.3  | Details of the supplier of                        | of the safety data sheet   |
| Supplier/N   | lanufacturer                                      |  |
| DIAsource  | ImmunoAssays S.A.                                 |  |
| Rue du Bos   |   |  |
|  | uvain-la-Neuve                                    |  |
| Belgium  |   |  |
|  | 2 (0)10/84.99.11                                  |  |
| E-mail: pro  | ducts.support@diasource.                          | <u>.be</u>   |
| 1.4  | Emergency telephone r                             |  |
|  | (only office hours)                               | : +32 (0)10/84.99.23   |
|  | i-Poisons (BE)                                    | : 070 245 245  |
|  | er to your local Anti-Poison                      | i Center!  |
| 2 Haz  | ards identification                               |  |
| 2.1  | Classification of the su                          | bstance or mixture   |
| Classificati   | on according to Regulatio                         | on (EC) N° 1272/2008 (CLP)   |
| Not classifi   | ed as hazardous                                   |  |
| According  | to EC directives or corresp                       | ponding national laws, the product does not need to be classified or labelled  |
| 2.2  | Label element                                     |  |
| Labelling a  | ccording to Regulation (EC                        | C) N° 1272/2008 (CLP)  |
| Hazard symbol (CLP) : Not classified as hazardous  |   |  |
| Signal word  | d (CLP)   | : Not classified as hazardous  |
| Hazard sta   | tement (CLP)                                      | : Not hazard statement   |
| Precaution statement (CLP) : P280 Wear protective gloves, protective clothing, eye protection, face protection |   |  |
|  |   | P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing |
|  |   | P309+310 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician  |
| 2.3  | Other hazards                                     |  |
| This produc  | ct contains concentrations                        | of azide below the hazardous level which with repeated contact with lead and copper commonly found in plumbing                                 |

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drains may result in the build up of shock sensitive compounds. Sodium azide forms explosive compounds with heavy metals. The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## 3 Composition/information on ingredients

## 3.1 Substances

Not applicable

#### 3.2 Mixtures

| Name         | Product identifier                       | %     | Classification according to Regulation (EC)<br>No. 1272/2008 [CLP] |
|--------------|--|-------|--|
| Sodium Azide | (CAS N°) 26628-22-8<br>(EC N°) 247-852-1 | ≤ 0,5 | Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410                   |
|              | (EC Index N°) 011-004-00-7               |       |  |

Full text of H-statements: see section16



Safety Data sheet

According to regulation (EU) 2020/878

Date of issue: 20.08.2024 Revision date: -Version/Replaced version: 1.0/-4 First aid measures 4.1 Description of first aid measures First-aid measures general Get medical advice/attention if you feel unwell. If possible show him this sheet. Failing this, show him the packaging or label. Never give anything by mouth to an unconscious person. Place the affected person in the recovery position. First-aid measures after inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. First-aid measures after skin contact First-aid measures after eye contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. First-aid measures after ingestion Rinse mouth. Do NOT induce vomiting. Drink plenty of water as a precaution. 4.2 Most important symptom and effects, both acute and delayed Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use. 4.3 Indication of any immediate medical attention and special treatment needed Treat symptomatically. 5 **Firefighting measures** 5.1 Extinguishing media Adapt extinguishing agents to the environment. Carbon dioxide. Foam. Dry extinguishing Suitable extinguishing media powder. Water spray. Unsuitable extinguishing media • Do not use a heavy water stream. 5.2 Special hazards arising from the substance or mixture Hazardous decomposition products in case of : Toxic gases may be formed. Carbon dioxide. Carbon monoxide. fire 5.3 Advice for firefighters Firefighting instructions Prevent firefighting water from entering the environment. Use water spray or fog for cooling exposed containers Protection during firefighting Use a self-contained breathing apparatus and also a protective suit. 6 Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures General measures Ensure adequate air ventilation. Avoid contact with skin and eyes. Do not breathe vapours/spray. 6.1.1 For non-emergency personnel Emergency procedures : Evacuate unnecessary personnel. 6.1.2 For emergency responders Use personal protective equipment as required. In case of inadequate ventilation wear Protective equipment respiratory protection. 6.2 **Environmental precautions** Contain spill to prevent migration. Do not allow the undiluted product to enter sewers/surface or ground water. Methods and material for containment and cleaning up 6.3 Methods for cleaning up Absorb spillage to prevent material damage. Wipe up with absorbent material (for example cloth). Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Dispose of in accordance with relevant local regulations. 6.4 Reference to other sections Exposure controls and personal protection, see section 8. Concerning disposal elimination after cleaning, see section 13. 7 Handling and storage 7.1 Precautions for safe handling Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid contact with skin and eyes. Do not breathe vapour/aerosol. Hygiene measures Handle in accordance with good industrial hygiene and safety procedures. When using do not eat, drink or smoke. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Conditions for safe storage, including any incompatibilities 7.2 Storage conditions Store in original container. Keep container tightly closed. To maintain product quality, store according to the instructions in the product labeling. Prohibitions on mixed storage Keep away from food, drink and animal feeding stuffs. Incompatible materials No additional information available.



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| 7.3        | Specific end use(s)   |
|------------|-----------------------|
| Laboratory | reagent, Immunoassays |

## 8 Exposure controls/personnel protection

| 8.1 Control parameters   |   |  |  |  |  |
|--|---|--|--|--|--|
| The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. |   |  |  |  |  |
| 8.2 Exposure controls  |   |  |  |  |  |
| Appropriate engineering controls   | : Provide local exhaust or general room ventilation to minimize vapour concentrations.  |  |  |  |  |
| Hand protection  | : Wear suitable gloves (EN 374). Nitrile rubber, 0.35 mm. Butyl rubber, 0.5 mm. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. |  |  |  |  |
| Eye protection   | : Wear safety glasses (EN 166).   |  |  |  |  |
| Skin and body protection   | : Wear suitable protective clothing.  |  |  |  |  |
| Respiratory protection   | : Under normal conditions, the use of this product should not require respiratory protection.   |  |  |  |  |
| Environmental exposure controls  | : Avoid release to the environment.   |  |  |  |  |

## 9 Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties Physical state : Liquid Colour : Amber Odor : Odorless : No data available Melting point/freezing point Boiling point or initial boiling point and boiling range No data available Flammability : No data available Lower and upper explosion limit : No data available : No data available Flash point Auto-ignition temperature : No data available : No data available Decomposition temperature pН [7.5 – 8.5] @ 20°C ÷ : No data available Kinematic viscosity Solubility : No data available Partition coefficient n-octanol/water (log value) : Not applicable : No data available Vapour pressure Density and/or relative density . 1.02 @ 20°C Relative vapour density : No data available Particle size : Not applicable 9.2 Other information

 9.2.1
 Information with regard to physical hazard classes

 Explosive properties
 : No explosive properties

 Oxidising properties
 : No oxidising properties

9.2.2 Other safety characteristics No additional information available

## 10 Stability and reactivity

## 10.1 Reactivity

No dangerous reactions known under normal conditions of use.

## 10.2 Chemical stability

Stable under use and storage conditions as recommended in section 7.

## 10.3 Possibility of hazardous reactions

None under normal use.

## 10.4 Conditions to avoid

Avoid exposure to heat and direct sunlight.

## 10.5 Incompatible materials

No additional information available.

## 10.6 Hazardous decomposition products

No hazardous decomposition products known at room temperature. In case of fire: Toxic gases may be formed. Carbon dioxide. Carbon monoxide.



Safety Data sheet

According to regulation (EU) 2020/878

Version/Replaced version: 1.0/-

Date of issue: 20.08.2024

Revision date: -

| 1 Toxicological information<br>1.1 Information on hazard classes as def   | ined in Regulation (EC) No 1272/2008  |
|---|---|
| Acute toxicity  | : Not classified  |
| TOULD LOAIDLY   | Based on available data, the classification criteria are not met  |
| Skin corrosion/irritation   | : Not classified  |
|   | Based on available data, the classification criteria are not met  |
| Serious eye damage/irritation   | : Not classified  |
|   | Based on available data, the classification criteria are not met  |
| Respiratory or skin sensitization   | : Not classified  |
|   | Based on available data, the classification criteria are not met  |
| Germ cell mutagenicity  | : Not classified  |
|   | Based on available data, the classification criteria are not met  |
| Carcinogenicity   | : Not classified  |
|   | Based on available data, the classification criteria are not met  |
| Reproductive toxicity   | : Not classified  |
|   | Based on available data, the classification criteria are not met  |
| Specific target organ toxicity (single exposure)  | : Not classified  |
|   | Based on available data, the classification criteria are not met  |
| Specific target organ toxicity (repeated exposure)  | : Not classified  |
| Association bazard  | Based on available data, the classification criteria are not met<br>: Not classified  |
| Aspiration hazard   | Based on available data, the classification criteria are not met  |
|   | שמשבע טון מימוומטוב עמנמ, וווב טומשטוויטון טוונפוומ מופ ווטנ ווופנ  |
| 11.2 Information on other hazards   |   |
| Potential adverse human health effects and sympton  | ns : Based on available data, the classification criteria are not met   |
| 12 Ecological information   |   |
| Table its   |   |
| 12.1 Toxicity   |   |
| -   | Not classified  |
| Acute aquatic toxicity :  | Not classified<br>Not classified  |
| Acute aquatic toxicity :<br>Chronic aquatic toxicity :  |   |
| Acute aquatic toxicity       :         Chronic aquatic toxicity       :         12.2       Persistence and degradability  |   |
| Acute aquatic toxicity       :         Chronic aquatic toxicity       : <b>12.2</b> Persistence and degradability         Not required for inorganic substances.  |   |
| Acute aquatic toxicity       :         Chronic aquatic toxicity       : <b>12.2 Persistence and degradability</b> Not required for inorganic substances.       : <b>12.3 Bioaccumulative potential</b>  |   |
| Acute aquatic toxicity       :         Chronic aquatic toxicity       : <b>12.2 Persistence and degradability</b> Not required for inorganic substances.       : <b>12.3 Bioaccumulative potential</b> Not required for inorganic substances.       :   |   |
| Acute aquatic toxicity:Chronic aquatic toxicity:12.2Persistence and degradabilityNot required for inorganic substances.12.3Bioaccumulative potentialNot required for inorganic substances.12.4Mobility in soil  |   |
| Acute aquatic toxicity       :         Chronic aquatic toxicity       : <b>12.2 Persistence and degradability</b> Not required for inorganic substances.       : <b>12.3 Bioaccumulative potential</b> Not required for inorganic substances.       : <b>12.4 Mobility in soil</b> No additional information available.       :   | Not classified  |
| Acute aquatic toxicity       :         Chronic aquatic toxicity       :         12.2       Persistence and degradability         Not required for inorganic substances.         12.3       Bioaccumulative potential         Not required for inorganic substances.         12.4       Mobility in soil         No additional information available.         12.5       Results of PBT and vPvB assessment  | Not classified  |
| Acute aquatic toxicity       :         Chronic aquatic toxicity       : <b>12.2 Persistence and degradability</b> Not required for inorganic substances.       : <b>12.3 Bioaccumulative potential</b> Not required for inorganic substances.       : <b>12.4 Mobility in soil</b> No additional information available.       : <b>12.5 Results of PBT and vPvB assessmen</b> Not fulfilling Persistent, Bioaccumulative and Toxic (  | Not classified  |
| Acute aquatic toxicity       :         Chronic aquatic toxicity       : <b>12.2 Persistence and degradability</b> Not required for inorganic substances.       : <b>12.3 Bioaccumulative potential</b> Not required for inorganic substances.       : <b>12.4 Mobility in soil</b> No additional information available.       : <b>12.5 Results of PBT and vPvB assessmen</b> Not fulfilling Persistent, Bioaccumulative and Toxic ( <b>12.6 Endocrine disrupting properties</b>  | Not classified  |
| Acute aquatic toxicity       :         Chronic aquatic toxicity       : <b>12.2 Persistence and degradability</b> Not required for inorganic substances.       . <b>12.3 Bioaccumulative potential</b> Not required for inorganic substances.       . <b>12.4 Mobility in soil</b> No additional information available.       . <b>12.5 Results of PBT and vPvB assessmen</b> Not fulfilling Persistent, Bioaccumulative and Toxic ( <b>12.6 Endocrine disrupting properties</b> No additional information available.   | Not classified  |
| Acute aquatic toxicity       :         Chronic aquatic toxicity       :         12.2       Persistence and degradability         Not required for inorganic substances.       :         12.3       Bioaccumulative potential         Not required for inorganic substances.       :         12.4       Mobility in soil         No additional information available.       :         12.5       Results of PBT and vPvB assessmen         Not fulfilling Persistent, Bioaccumulative and Toxic (         12.6       Endocrine disrupting properties         No additional information available.         12.7       Other adverse effects   | Not classified  |
| Acute aquatic toxicity       :         Chronic aquatic toxicity       : <b>12.2 Persistence and degradability</b> Not required for inorganic substances.       : <b>12.3 Bioaccumulative potential</b> Not required for inorganic substances.       : <b>12.4 Mobility in soil</b> No additional information available.       : <b>12.5 Results of PBT and vPvB assessmen</b> Not fulfilling Persistent, Bioaccumulative and Toxic ( <b>12.6 Endocrine disrupting properties</b> No additional information available. <b>12.7 Other adverse effects</b>   | Not classified  |
| Acute aquatic toxicity       :         Chronic aquatic toxicity       : <b>12.2 Persistence and degradability</b> Not required for inorganic substances.       . <b>12.3 Bioaccumulative potential</b> Not required for inorganic substances.       . <b>12.4 Mobility in soil</b> No additional information available.       . <b>12.5 Results of PBT and vPvB assessmen</b> Not fulfilling Persistent, Bioaccumulative and Toxic (       . <b>12.6 Endocrine disrupting properties</b> No additional information available.       . <b>12.7 Other adverse effects</b> No additional information available.       .  | Not classified  |
| Acute aquatic toxicity       :         Chronic aquatic toxicity       :         12.2       Persistence and degradability         Not required for inorganic substances.       :         12.3       Bioaccumulative potential         Not required for inorganic substances.       :         12.4       Mobility in soil         No additional information available.       :         12.5       Results of PBT and vPvB assessmen         Not fulfilling Persistent, Bioaccumulative and Toxic (         12.6       Endocrine disrupting properties         No additional information available.         12.7       Other adverse effects         No additional information available.         12.7       Other adverse effects         No additional information available.         13       Disposal considerations   | Not classified  |
| Acute aquatic toxicity:Chronic aquatic toxicity:12.2Persistence and degradabilityNot required for inorganic substances.12.3Bioaccumulative potentialNot required for inorganic substances.12.4Mobility in soilNo additional information available.12.5Results of PBT and vPvB assessmenNot fulfilling Persistent, Bioaccumulative and Toxic (12.6Endocrine disrupting propertiesNo additional information available.12.7Other adverse effectsNo additional information available.13Disposal considerations13.1Waste treatment methods   | Not classified  |
| Acute aquatic toxicity       :         Chronic aquatic toxicity       : <b>12.2 Persistence and degradability</b> Not required for inorganic substances.       . <b>12.3 Bioaccumulative potential</b> Not required for inorganic substances.       . <b>12.4 Mobility in soil</b> No additional information available.       . <b>12.5 Results of PBT and vPvB assessmen</b> Not fulfilling Persistent, Bioaccumulative and Toxic ( <b>12.6 Endocrine disrupting properties</b> No additional information available. <b>12.7 Other adverse effects</b> No additional information available. <b>13 Disposal considerations 13.1 Waste treatment methods</b> Regional legislation (waste)       :  | Not classified<br>t<br>PBT), very Persistent and very Bioaccumulative (vPvB) criteria.  |
| Acute aquatic toxicity       :         Chronic aquatic toxicity       :         12.2       Persistence and degradability         Not required for inorganic substances.       .         12.3       Bioaccumulative potential         Not required for inorganic substances.       .         12.4       Mobility in soil         No additional information available.       .         12.5       Results of PBT and vPvB assessmen         Not fulfilling Persistent, Bioaccumulative and Toxic (         12.6       Endocrine disrupting properties         No additional information available.       .         12.7       Other adverse effects         No additional information available.       .         13.1       Waste treatment methods         Regional legislation (waste)       .         Waste treatment methods       .         Waste code       .   | Not classified<br>t<br>PBT), very Persistent and very Bioaccumulative (vPvB) criteria.<br>Dispose in a safe manner in accordance with local/national regulations.<br>Do not empty into drains. Dispose of this material and its container in a safe way.<br>The waste code number according to the Ordinance on the European Waste Catalogue  |
| Acute aquatic toxicity       :         Acute aquatic toxicity       :         I2.2       Persistence and degradability         Not required for inorganic substances.       .         I2.3       Bioaccumulative potential         Not required for inorganic substances.       .         I2.4       Mobility in soil         No additional information available.       .         I2.5       Results of PBT and vPvB assessmen         Not fulfilling Persistent, Bioaccumulative and Toxic (         I2.6       Endocrine disrupting properties         No additional information available.         I2.7       Other adverse effects         No additional information available.         I2.7       Other adverse effects         No additional information available.         I3.1       Waste treatment methods         Regional legislation (waste)       :         Naste treatment methods       :         Waste code       : | Not classified  t PBT), very Persistent and very Bioaccumulative (vPvB) criteria.  Dispose in a safe manner in accordance with local/national regulations. Do not empty into drains. Dispose of this material and its container in a safe way. The waste code number according to the Ordinance on the European Waste Catalogue depends on the waste producer and can therefore vary for any given product. The waste   |
| Acute aquatic toxicity       :         Acute aquatic toxicity       :         I2.2       Persistence and degradability         Not required for inorganic substances.       III.         I2.3       Bioaccumulative potential         Not required for inorganic substances.       III.         I2.4       Mobility in soil         No additional information available.       III.         I2.5       Results of PBT and vPvB assessmen         Not fulfilling Persistent, Bioaccumulative and Toxic (III.       III.         I2.6       Endocrine disrupting properties         No additional information available.       III.         I2.7       Other adverse effects         No additional information available.       III.         I3.1       Waste treatment methods         Regional legislation (waste)       :         Waste code       :   | Not classified<br>t<br>PBT), very Persistent and very Bioaccumulative (vPvB) criteria.<br>Dispose in a safe manner in accordance with local/national regulations.<br>Do not empty into drains. Dispose of this material and its container in a safe way.<br>The waste code number according to the Ordinance on the European Waste Catalogue  |
| Acute aquatic toxicity       :         Chronic aquatic toxicity       : <b>12.2 Persistence and degradability</b> Not required for inorganic substances.       . <b>12.3 Bioaccumulative potential</b> Not required for inorganic substances.       . <b>12.4 Mobility in soil</b> No additional information available.       . <b>12.5 Results of PBT and vPvB assessmen</b> Not fulfilling Persistent, Bioaccumulative and Toxic (       . <b>12.6 Endocrine disrupting properties</b> No additional information available.       . <b>12.7 Other adverse effects</b> No additional information available.       . <b>13 Disposal considerations 13.1 Waste treatment methods</b> Regional legislation (waste)       :         Waste code       :   | Not classified  t PBT), very Persistent and very Bioaccumulative (vPvB) criteria.  Dispose in a safe manner in accordance with local/national regulations. Do not empty into drains. Dispose of this material and its container in a safe way. The waste code number according to the Ordinance on the European Waste Catalogue depends on the waste producer and can therefore vary for any given product. The waste   |
| Acute aquatic toxicity       :         Chronic aquatic toxicity       : <b>12.2 Persistence and degradability</b> Not required for inorganic substances. <b>12.3 Bioaccumulative potential</b> Not required for inorganic substances. <b>12.4 Mobility in soil</b> No additional information available. <b>12.5 Results of PBT and vPvB assessmen</b> Not fulfilling Persistent, Bioaccumulative and Toxic ( <b>12.6 Endocrine disrupting properties</b> No additional information available. <b>12.7 Other adverse effects</b> No additional information available. <b>13.1 Waste treatment methods</b> Regional legislation (waste)       :         Waste code       : <b>14 Transport information</b>  | Not classified  t PBT), very Persistent and very Bioaccumulative (vPvB) criteria.  Dispose in a safe manner in accordance with local/national regulations. Do not empty into drains. Dispose of this material and its container in a safe way. The waste code number according to the Ordinance on the European Waste Catalogue depends on the waste producer and can therefore vary for any given product. The waste   |
| Acute aquatic toxicity       :         Chronic aquatic toxicity       : <b>12.2</b> Persistence and degradability         Not required for inorganic substances. <b>12.3</b> Bioaccumulative potential         Not required for inorganic substances. <b>12.4</b> Mobility in soil         No additional information available. <b>12.5</b> Results of PBT and vPvB assessmen         Not fulfilling Persistent, Bioaccumulative and Toxic ( <b>12.6</b> Endocrine disrupting properties         No additional information available. <b>12.7</b> Other adverse effects         No additional information available. <b>13</b> Disposal considerations <b>13.1</b> Waste treatment methods         Regional legislation (waste)         Waste code         : <b>14</b> Transport information         In accordance with ADR / IMDG / IATA   | Not classified  t PBT), very Persistent and very Bioaccumulative (vPvB) criteria.  Dispose in a safe manner in accordance with local/national regulations. Do not empty into drains. Dispose of this material and its container in a safe way. The waste code number according to the Ordinance on the European Waste Catalogue depends on the waste producer and can therefore vary for any given product. The waste   |
| Acute aquatic toxicity       :         Chronic aquatic toxicity       : <b>12.2 Persistence and degradability</b> Not required for inorganic substances. <b>12.3 12.4 Bioaccumulative potential</b> Not required for inorganic substances. <b>12.4 12.4 Mobility in soil</b> No additional information available. <b>12.5 12.6 Endocrine disrupting properties</b> No additional information available. <b>12.7 Other adverse effects</b> No additional information available. <b>12.7 Other adverse effects</b> No additional information available. <b>13.1 13.1 Waste treatment methods</b> Regional legislation (waste)       :         Waste code       : <b>14 Transport information</b> In accordance with ADR / IMDG / IATA <b>14.1 14.1 UN number or ID number</b>   | Not classified t PBT), very Persistent and very Bioaccumulative (vPvB) criteria. Dispose in a safe manner in accordance with local/national regulations. Do not empty into drains. Dispose of this material and its container in a safe way. The waste code number according to the Ordinance on the European Waste Catalogue depends on the waste producer and can therefore vary for any given product. The waste code number is therefore to be gleaned separately from each waste producer.                     |
| Acute aquatic toxicity       :         Chronic aquatic toxicity       : <b>12.2</b> Persistence and degradability         Not required for inorganic substances. <b>12.3</b> Bioaccumulative potential         Not required for inorganic substances. <b>12.4</b> Mobility in soil         No additional information available. <b>12.5</b> Results of PBT and vPvB assessmen         Not fulfilling Persistent, Bioaccumulative and Toxic ( <b>12.6</b> Endocrine disrupting properties         No additional information available. <b>12.7</b> Other adverse effects         No additional information available. <b>13.1</b> Waste treatment methods         Regional legislation (waste)         Waste code         In accordance with ADR / IMDG / IATA <b>14.1</b> UN number or ID number         UN-No. (ADR)   | Not classified  t PBT), very Persistent and very Bioaccumulative (vPvB) criteria.  Dispose in a safe manner in accordance with local/national regulations. Do not empty into drains. Dispose of this material and its container in a safe way. The waste code number according to the Ordinance on the European Waste Catalogue depends on the waste producer and can therefore vary for any given product. The waste code number is therefore to be gleaned separately from each waste producer.  : Not applicable |
| Acute aquatic toxicity       :         Chronic aquatic toxicity       : <b>12.2</b> Persistence and degradability         Not required for inorganic substances. <b>12.3</b> Bioaccumulative potential         Not required for inorganic substances. <b>12.4</b> Mobility in soil         No additional information available. <b>12.5</b> Results of PBT and vPvB assessmen         Not fulfilling Persistent, Bioaccumulative and Toxic ( <b>12.6</b> Endocrine disrupting properties         No additional information available. <b>12.7</b> Other adverse effects         No additional information available. <b>13</b> Disposal considerations <b>13.1</b> Waste treatment methods         Regional legislation (waste)         Waste code         :         Waste code         :         In accordance with ADR / IMDG / IATA  | Not classified t PBT), very Persistent and very Bioaccumulative (vPvB) criteria. Dispose in a safe manner in accordance with local/national regulations. Do not empty into drains. Dispose of this material and its container in a safe way. The waste code number according to the Ordinance on the European Waste Catalogue depends on the waste producer and can therefore vary for any given product. The waste code number is therefore to be gleaned separately from each waste producer.                     |



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|-----------------------------------|--|---------------------------------|
| 14.2 UN proper shipping na        | me                                       |                                 |
| Proper Shipping Name (ADR)        | : Not applicable                         |                                 |
| Proper Shipping Name (IMDG)       | : Not applicable                         |                                 |
| Proper Shipping Name (IATA)       | : Not applicable                         |                                 |
| 14.3 Transport hazard class       | s(es)                                    |                                 |
| Transport hazard class(es) (ADR)  | : Not applicable                         |                                 |
| Transport hazard class(es) (IMDG) | : Not applicable                         |                                 |
| Transport hazard class(es) (IATA) | : Not applicable                         |                                 |
| 14.4 Packing group                |  |                                 |
| Packing group (ADR)               | : Not applicable                         |                                 |
| Packing group (IMDG)              | : Not applicable                         |                                 |
| Packing group (IATA)              | : Not applicable                         |                                 |
| 14.5 Environmental hazards        | 3  |                                 |
| Dangerous for the environment     | : No                                     |                                 |
| Marine pollutant                  | : No                                     |                                 |
| Other information                 | : No supplementary information available |                                 |
| 14.6 Special precautions for      | r user                                   |                                 |
| Overland transport                | : Not applicable                         |                                 |
| Transport by sea                  | : Not applicable                         |                                 |
| Air transport                     | : Not applicable                         |                                 |
| 14.7 Maritime transport in b      | ulk according to IMO instruments         |                                 |

Not applicable

## 15 Regulatory information

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

15.1.1 EU-Regulations

Contains no substance on the REACH candidate list.

Contains no REACH Annex XIV substances.

## 15.1.2 National regulations

Comply with applicable local regulations.

## 15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

| 16 Other information |   |
|----------------------|---|
| Data sources         | REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16<br>December 2008 on classification, labelling and packaging of substances and mixtures, amending and<br>repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. |

## Change compared to the previous version : -

| ADR     | European Agreement concerning the International Carriage of Dangerous Goods by Road                               |  |
|---------|---|--|
| CLP     | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures                |  |
| DMEL    | Derived Minimal Effect Level  |  |
| DNEL    | Derived No-Effect Level   |  |
| EC50    | The effective concentration of substance that causes 50% of the maximum response (Median Effective Concentration) |  |
| IATA    | International Air Transport Association   |  |
| IMDG    | "International Maritime Dangerous Goods Code" for the transport of dangerous goods by sea                         |  |
| LC50    | Lethal Concentration to 50 % of a test population (Median Lethal Concentration)                                   |  |
| LD50    | Lethal Dose to 50% of a test population (Median Lethal Dose)  |  |
| LOAEL   | Lowest Observed Adverse Effect Level  |  |
| NOAEC/L | No Observed Adverse Effect Concentration/Level  |  |
| NOEC/L  | No Observed Effect Concentration/Level  |  |
| OECD    | Organisation for Economic Cooperation and Development   |  |
| PBT     | Persistent, Bioaccumulative and Toxic substance   |  |
| PNEC    | Predicted No-Effect Concentration   |  |



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| REACH                 | Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals |  |
|-----------------------|--|--|
| SDS                   | Safety Data Sheet  |  |
| STP                   | Sewage Treatment Plant   |  |
| UFI                   | Unique Formula Identifier  |  |
| vPvB                  | Very Persistent and Very Bioaccumulative   |  |
| Full text of H- and E | I- and EUH-phrases:  |  |
| Aquatic Acute,1       | Aquatic Hazard Acute, Category 1   |  |
| Aquatic Chronic,1     | Aquatic Hazard Long term, Category 1   |  |
| H400                  | Very toxic to aquatic life.  |  |
| H410                  | Very toxic to aquatic life with long lasting effects.  |  |

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.



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| 1 Ider   | ntification of substan  | ce/mixture and company  | V  |
|--|---|---|--|
| 1.1  | Product identifier  |   |  |
| Product for  |   | : Mixture   |  |
| Product na   |   | : Calibrator 1-N  | CALN   |
| Catalog #  |   | : 3217059   | REF  |
| 1.2  | Relevant identified uses  | of substance or mixture and u   | ses advised against  |
| 1.2.1  | Relevant identified uses  |   |  |
| Use of the   | substance/mixture   | : Laboratory reagent, Immuno<br>Use by professionals  | assays   |
| 1.2.2<br>No addition   | Uses advised against<br>al information available  |   |  |
| 1.3  | Details of the supplier of  | the safety data sheet   |  |
| DIAsource<br>Rue du Bos<br>B-1348 Lou<br>Belgium<br>Tel. Nr. +32<br>E-mail: pro<br>1.4<br>DIAsource<br>Centre Anti | 2 (0)10/84.99.11<br>ducts.support@diasource.be<br>Emergency telephone nu<br>(only office hours)<br>i-Poisons (BE) | mber<br>: +32 (0)10/84.99.23<br>: 070 245 245   |  |
|  | er to your local Anti-Poison C  | enter:  |  |
|  | ards identification   | tonoo or mixturo  |  |
| Not classifi<br>According t  |   | (EC) N° 1272/2008 (CLP)   | does not need to be classified or labelled   |
| 2.2  | Label element   |   |  |
| Hazard syn<br>Signal word<br>Hazard stai   |   | <ul> <li>Not classified as hazardou</li> <li>Not classified as hazardou</li> <li>Not hazard statement</li> <li>P280 Wear protective glov</li> <li>P305+P351+P338 If in eye</li> </ul> | s<br>es, protective clothing, eye protection, face protection<br>es: Rinse cautiously with water for several minutes. Remove |
| 2.3  | Other hazards   |   | nd easy to do. Continue rinsing<br>you feel unwell: Call a POISON CENTER or doctor/physician                                 |
|  |   | azide below the hazardous leve  | el which with repeated contact with lead and copper commonly found in plumbing   |

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drains may result in the build up of shock sensitive compounds. Sodium azide forms explosive compounds with heavy metals. The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## 3 Composition/information on ingredients

## 3.1 Substances

Not applicable

#### 3.2 Mixtures

| Name         | Product identifier         | %     | Classification according to Regulation (EC)<br>No. 1272/2008 [CLP] |
|--------------|----------------------------|-------|--|
| Sodium Azide | (CAS N°) 26628-22-8        | ≤ 0,5 | Aquatic Acute 1, H400  |
|              | (EC N°) 247-852-1          |       | Aquatic Chronic 1, H410  |
|              | (EC Index N°) 011-004-00-7 |       |  |

Full text of H-statements: see section16



## Calibrator 1-N - 3217059

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Date of issue: 20.08.2024 Revision date: -Version/Replaced version: 1.0/-4 First aid measures 4.1 Description of first aid measures First-aid measures general Get medical advice/attention if you feel unwell. If possible show him this sheet. Failing this, show him the packaging or label. Never give anything by mouth to an unconscious person. Place the affected person in the recovery position. First-aid measures after inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. First-aid measures after skin contact First-aid measures after eye contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. First-aid measures after ingestion Rinse mouth. Do NOT induce vomiting. Drink plenty of water as a precaution. 4.2 Most important symptom and effects, both acute and delayed Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use. 4.3 Indication of any immediate medical attention and special treatment needed Treat symptomatically. 5 **Firefighting measures** 5.1 Extinguishing media Adapt extinguishing agents to the environment. Carbon dioxide. Foam. Dry extinguishing Suitable extinguishing media powder. Water spray. Unsuitable extinguishing media • Do not use a heavy water stream. 5.2 Special hazards arising from the substance or mixture Hazardous decomposition products in case of : Toxic gases may be formed. Carbon dioxide. Carbon monoxide. fire 5.3 Advice for firefighters Firefighting instructions Prevent firefighting water from entering the environment. Use water spray or fog for cooling exposed containers Protection during firefighting Use a self-contained breathing apparatus and also a protective suit. 6 Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures General measures Ensure adequate air ventilation. Avoid contact with skin and eyes. Do not breathe vapours/spray. 6.1.1 For non-emergency personnel Emergency procedures : Evacuate unnecessary personnel. 6.1.2 For emergency responders Use personal protective equipment as required. In case of inadequate ventilation wear Protective equipment respiratory protection. 6.2 **Environmental precautions** Contain spill to prevent migration. Do not allow the undiluted product to enter sewers/surface or ground water. Methods and material for containment and cleaning up 6.3 Methods for cleaning up Absorb spillage to prevent material damage. Wipe up with absorbent material (for example cloth). Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Dispose of in accordance with relevant local regulations. 6.4 Reference to other sections Exposure controls and personal protection, see section 8. Concerning disposal elimination after cleaning, see section 13. 7 Handling and storage 7.1 Precautions for safe handling Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid contact with skin and eyes. Do not breathe vapour/aerosol. Hygiene measures Handle in accordance with good industrial hygiene and safety procedures. When using do not eat, drink or smoke. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Conditions for safe storage, including any incompatibilities 7.2 Storage conditions Store in original container. Keep container tightly closed. To maintain product quality, store according to the instructions in the product labeling. Prohibitions on mixed storage Keep away from food, drink and animal feeding stuffs. Incompatible materials No additional information available.



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| 7.3        | Specific end use(s)   |
|------------|-----------------------|
| Laboratory | reagent, Immunoassays |

#### 8 Exposure controls/personnel protection

| 8.1Control parametersThe product does not contain any relevant quantit | ies of materials with critical values that have to be monitored at the workplace.   |
|--|---|
| 8.2 Exposure controls  |   |
| Appropriate engineering controls                                       | Provide local exhaust or general room ventilation to minimize vapour concentrations.  |
| Hand protection  | : Wear suitable gloves (EN 374). Nitrile rubber, 0.35 mm. Butyl rubber, 0.5 mm. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. |
| Eye protection   | : Wear safety glasses (EN 166).   |
| Skin and body protection   | : Wear suitable protective clothing.  |
| Respiratory protection   | : Under normal conditions, the use of this product should not require respiratory protection.   |
| Environmental exposure controls  | Avoid release to the environment.   |

#### 9 Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties Physical state : Liquid Colour : Amber Odor : Odorless : No data available Melting point/freezing point Boiling point or initial boiling point and boiling range No data available Flammability : No data available Lower and upper explosion limit : No data available : No data available Flash point Auto-ignition temperature : No data available : No data available Decomposition temperature pН [7.5 – 8.5] @ 20°C ÷ : No data available Kinematic viscosity Solubility : No data available Partition coefficient n-octanol/water (log value) : Not applicable : No data available Vapour pressure Density and/or relative density : 1.02 @ 20°C Relative vapour density : No data available Particle size : Not applicable 9.2

## Other information

9.2.1 Information with regard to physical hazard classes Explosive properties : No explosive properties Oxidising properties : No oxidising properties

9.2.2 Other safety characteristics

## No additional information available

## 10 Stability and reactivity

#### 10.1 Reactivity

No dangerous reactions known under normal conditions of use.

#### 10.2 **Chemical stability**

Stable under use and storage conditions as recommended in section 7.

#### 10.3 Possibility of hazardous reactions

None under normal use.

#### 10.4 **Conditions to avoid**

Avoid exposure to heat and direct sunlight.

#### 10.5 Incompatible materials

No additional information available.

#### 10.6 Hazardous decomposition products

No hazardous decomposition products known at room temperature. In case of fire: Toxic gases may be formed. Carbon dioxide. Carbon monoxide.



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| 11 Toxicological information  |  |
|---|--|
| 11.1 Information on hazard classes as defin   | ned in Regulation (EC) No. 1272/2008   |
| Acute toxicity  | : Not classified   |
| route toxicity  | Based on available data, the classification criteria are not met   |
| Skin corrosion/irritation   | : Not classified   |
|   | Based on available data, the classification criteria are not met   |
| Serious eye damage/irritation   | : Not classified   |
|   | Based on available data, the classification criteria are not met   |
| Respiratory or skin sensitization   | : Not classified   |
|   | Based on available data, the classification criteria are not met   |
| Germ cell mutagenicity  | Not classified   |
| Operation and take  | Based on available data, the classification criteria are not met   |
| Carcinogenicity   | : Not classified   |
| Reproductive toxicity   | Based on available data, the classification criteria are not met<br>Not classified   |
| Reproductive toxicity   | Based on available data, the classification criteria are not met   |
| Specific target organ toxicity (single exposure)                                    | : Not classified   |
|   | Based on available data, the classification criteria are not met   |
| Specific target organ toxicity (repeated exposure)                                  | : Not classified   |
|   | Based on available data, the classification criteria are not met   |
| Aspiration hazard   | : Not classified   |
|   | Based on available data, the classification criteria are not met   |
| 11.2 Information on other hazards   |  |
| Potential adverse human health effects and symptom                                  | s : Based on available data, the classification criteria are not met   |
| 12 Ecological information   |  |
|   |  |
| 12.1     Toxicity       Acute aquatic toxicity     : 1                              | Not classified   |
|   | Not classified   |
|   |  |
| <b>12.2 Persistence and degradability</b><br>Not required for inorganic substances. |  |
|   |  |
| 12.3 Bioaccumulative potential  |  |
| Not required for inorganic substances.  |  |
| 12.4 Mobility in soil   |  |
| No additional information available.  |  |
| 12.5 Results of PBT and vPvB assessment   |  |
| Not fulfilling Persistent, Bioaccumulative and Toxic (F                             | PBT), very Persistent and very Bioaccumulative (vPvB) criteria.  |
| 12.6 Endocrine disrupting properties  |  |
| No additional information available.  |  |
| 12.7 Other adverse effects  |  |
| No additional information available.  |  |
| 13 Disposal considerations  |  |
| 13.1 Waste treatment methods  |  |
| Regional legislation (waste) : [  | Dispose in a safe manner in accordance with local/national regulations.  |
| Waste treatment methods : [   | Do not empty into drains. Dispose of this material and its container in a safe way.  |
|   | The waste code number according to the Ordinance on the European Waste Catalogue   |
|   | depends on the waste producer and can therefore vary for any given product. The waste<br>code number is therefore to be gleaned separately from each waste producer. |
|   |  |
|   |  |
| In accordance with ADR / IMDG / IATA  |  |
| 14.1 UN number or ID number   |  |
| UN-No. (ADR) :  | Not applicable   |
| UN-No. (IMDG) :   | Not applicable   |
| UN-No. (IATA) :   | Not applicable   |



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|-------------------------------------|--|---------------------------------|--|
| 14.2 UN proper shipping name        |  |                                 |  |
| Proper Shipping Name (ADR)          | : Not applicable                         |                                 |  |
| Proper Shipping Name (IMDG)         | : Not applicable                         |                                 |  |
| Proper Shipping Name (IATA)         | : Not applicable                         |                                 |  |
| 14.3 Transport hazard class(es)     |  |                                 |  |
| Transport hazard class(es) (ADR)    | : Not applicable                         |                                 |  |
| Transport hazard class(es) (IMDG)   | : Not applicable                         |                                 |  |
| Transport hazard class(es) (IATA)   | : Not applicable                         |                                 |  |
| 14.4 Packing group                  |  |                                 |  |
| Packing group (ADR)                 | : Not applicable                         |                                 |  |
| Packing group (IMDG)                | : Not applicable                         |                                 |  |
| Packing group (IATA)                | : Not applicable                         |                                 |  |
| 14.5 Environmental hazards          |  |                                 |  |
| Dangerous for the environment       | : No                                     |                                 |  |
| Marine pollutant                    | : No                                     |                                 |  |
| Other information                   | : No supplementary information available |                                 |  |
| 14.6 Special precautions for user   |  |                                 |  |
| Overland transport                  | : Not applicable                         |                                 |  |
| Transport by sea                    | : Not applicable                         |                                 |  |
| Air transport                       | : Not applicable                         |                                 |  |
| 14.7 Maritime transport in bulk acc | ording to IMO instruments                |                                 |  |

Not applicable

## 15 Regulatory information

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

15.1.1 EU-Regulations

Contains no substance on the REACH candidate list.

Contains no REACH Annex XIV substances.

## 15.1.2 National regulations

Comply with applicable local regulations.

## 15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

| 16 Other information |   |
|----------------------|---|
| Data sources         | REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16<br>December 2008 on classification, labelling and packaging of substances and mixtures, amending and<br>repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. |

## Change compared to the previous version : -

| ADR     | Ind acronyms:<br>European Agreement concerning the International Carriage of Dangerous Goods by Road              |  |
|---------|---|--|
|         |   |  |
| CLP     | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures                |  |
| DMEL    | Derived Minimal Effect Level  |  |
| DNEL    | Derived No-Effect Level   |  |
| EC50    | The effective concentration of substance that causes 50% of the maximum response (Median Effective Concentration) |  |
| IATA    | International Air Transport Association   |  |
| IMDG    | "International Maritime Dangerous Goods Code" for the transport of dangerous goods by sea                         |  |
| LC50    | Lethal Concentration to 50 % of a test population (Median Lethal Concentration)                                   |  |
| LD50    | Lethal Dose to 50% of a test population (Median Lethal Dose)  |  |
| LOAEL   | Lowest Observed Adverse Effect Level  |  |
| NOAEC/L | No Observed Adverse Effect Concentration/Level  |  |
| NOEC/L  | No Observed Effect Concentration/Level  |  |
| OECD    | Organisation for Economic Cooperation and Development   |  |
| PBT     | Persistent, Bioaccumulative and Toxic substance   |  |
| PNEC    | Predicted No-Effect Concentration   |  |



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| REACH                 | Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals |
|-----------------------|--|
| SDS                   | Safety Data Sheet  |
| STP                   | Sewage Treatment Plant   |
| UFI                   | Unique Formula Identifier  |
| vPvB                  | Very Persistent and Very Bioaccumulative   |
| Full text of H- and E | UH-phrases:  |
| Aquatic Acute,1       | Aquatic Hazard Acute, Category 1   |
| Aquatic Chronic,1     | Aquatic Hazard Long term, Category 1   |
| H400                  | Very toxic to aquatic life.  |
| H410                  | Very toxic to aquatic life with long lasting effects.  |

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.



# Wash SolN Conc - 3501020

Safety Data sheet

According to regulation (EU) 2020/878

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Revision date: 28.03.2025

Version/Replaced version: 2.0/1.0

| lc                  | lentification of subst                            | ance/mixture and comp                             | nany  |
|---------------------|---|---|---|
| .1                  | Product identifier                                |   | Sany  |
| Product             |   | : Mixture   |   |
| Product             |   | : Wash SolN Conc                                  | WASH SOLN CONC  |
| Catalog             |   | : 3501020   | REF   |
| <b>.2</b>           |   | es of substance or mixture a                      | nd uses advised analyst   |
| .2.1                | Relevant identified uses                          |   | ind uses advised against  |
|                     | he substance/mixture                              | : Laboratory reagent, Imn<br>Use by professionals | nunoassays  |
| I.2.2<br>No addi    | Uses advised against tional information available |   |   |
| .3                  | Details of the supplier                           | of the safety data sheet                          |   |
| supplie             | r/Manufacturer                                    |   |   |
| JIAsoui             | ce ImmunoAssays S.A.                              |   |   |
| Rue du              | Bosquet, 2  |   |   |
|                     | Louvain-la-Neuve                                  |   |   |
| Belgium             |   |   |   |
|                     | +32 (0)10/84.99.11                                |   |   |
|                     | products.support@diasource                        |   |   |
| 1.4                 | Emergency telephone                               |   |   |
|                     | ce (only office hours)                            | : +32 (0)10/84.99                                 | 1.23  |
|                     | Anti-Poisons (BE)                                 | : 070 245 245                                     |   |
|                     | efer to your local Anti-Poiso                     | n Center!   |   |
| 2 H                 | azards identification                             |   |   |
| 2.1                 | Classification of the su                          | ubstance or mixture                               |   |
| Classific           | ation according to Regulati                       | on (EC) N° 1272/2008 (CLP)                        |   |
| Skin ser            | nsitization, category 1                           | H317 May cause ar                                 | n allergic skin reaction.   |
| Full tes            | t of H-statements: see section                    | on16)   |   |
| Adverse             | physicochemical human b                           | ealth and environmental effect                    | s   |
|                     | severe skin burns and eye of                      |   | -   |
| 2.2                 | Label element                                     |   |   |
|                     |   | O) NO 4070/0000 (OL D)                            |   |
|                     | g according to Regulation (E                      | C) N° 1272/2008 (CLP)                             |   |
| nazard              | symbol (CLP)                                      |   |   |
|                     |   |   |   |
|                     |   | $\mathbf{V}$                                      |   |
| Signal v            | vord (CLP)  | : Warning   |   |
| Hazard              | statement (CLP)                                   | : H317 May cause an a                             | allergic skin reaction  |
| <sup>2</sup> recaut | on statement (CLP)                                | contaminated clothing                             |   |
|                     |   |   | allowed: rinse mouth. Do NOT induce vomiting                      |
|                     |   |   | (IN: Wash with plenty of soap and water                           |
|                     |   |   | d or if you feel unwell: Call a POISON CENTER or doctor/physician |
|                     |   | P333+P313 If skin irrit                           | tation or rash occurs: Get medical advice/attention               |
| 2.3                 | Other hazards                                     |   |   |

## 2.3 Other hazards

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.



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## 3 Composition/information on ingredients

## 3.1 Substances

Not applicable

## 3.2 Mixtures

| Name  | Product identifier                                  | %       | Classification according to Regulation (EC)<br>No. 1272/2008 [CLP]  |  |
|---|---|---------|---|--|
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one<br>[EC# 247-500-7] and 2-methyl-4-isothiazolin-3-one (3:1) | (CAS N°) 55965-84-9<br>(EC N°) -<br>(EC Index N°) - | ≤ 0,005 | Skin Sens. 1, H317  |  |
| Name  | Product identifier                                  |         | Specific concentration limits according to<br>Regulation (EC) No. 1272/2008 [CLP] $(C \ge 0,6)$ Skin Corr. 1B, H314<br>$(0,06 \le C < 0,6)$ Skin Irrit. 2, H315<br>$(0,06 \le C < 0,6)$ Eye Irrit. 2, H319<br>$(C \ge 0,0015)$ Skin Sens. 1, H317 |  |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one<br>[EC# 247-500-7] and 2-methyl-4-isothiazolin-3-one (3:1  | (CAS N°) 55965-84-9<br>(EC N°) -                    |         |   |  |

## Full text of H-statements: see section16

| 4 First aid measures                                 |  |
|--|--|
| 4.1 Description of first aid measures                |  |
| First-aid measures general                           | : Get medical advice/attention if you feel unwell. If possible show him this sheet. Failing this, show him the packaging or label. Never give anything by mouth to an unconscious person. Place the affected person in the recovery position.          |
| First-aid measures after inhalation                  | : Remove victim to fresh air and keep at rest in a position comfortable for breathing.   |
| First-aid measures after skin contact                | : Take off immediately all contaminated clothing. Gently wash with plenty of soap and water.   |
| First-aid measures after eye contact                 | : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.   |
| First-aid measures after ingestion                   | : Rinse mouth. Do NOT induce vomiting. Drink plenty of water as a precaution.  |
| 4.2 Most important symptom and effe                  | cts, both acute and delayed  |
| Symptoms/effects                                     | : Not expected to present a significant hazard under anticipated conditions of normal use.   |
| 4.3 Indication of any immediate media                | cal attention and special treatment needed   |
| Treat symptomatically.                               |  |
| 5 Firefighting measures                              |  |
| 5.1 Extinguishing media                              |  |
| Suitable extinguishing media                         | : Adapt extinguishing agents to the environment. Carbon dioxide. Foam. Dry extinguishing powder. Water spray.  |
| Unsuitable extinguishing media                       | : Do not use a heavy water stream.   |
| 5.2 Special hazards arising from the s               | substance or mixture   |
| Hazardous decomposition products in case of<br>fire  | : Toxic gases may be formed. Carbon dioxide. Carbon monoxide.  |
| 5.3 Advice for firefighters                          |  |
| Firefighting instructions                            | : Prevent firefighting water from entering the environment. Use water spray or fog for cooling exposed containers.   |
| Protection during firefighting                       | : Use a self-contained breathing apparatus and also a protective suit.   |
| 6 Accidental release measures                        |  |
| 6.1 Personal precautions, protective e               | equipment and emergency procedures   |
| General measures                                     | : Ensure adequate air ventilation. Avoid contact with skin and eyes. Do not breathe vapours/spray.   |
| 6.1.1 For non-emergency personnel                    |  |
| Emergency procedures                                 | : Evacuate unnecessary personnel.  |
| 6.1.2 For emergency responders                       |  |
| Protective equipment                                 | : Use personal protective equipment as required. In case of inadequate ventilation wear respiratory protection.  |
| 6.2 Environmental precautions                        |  |
| Contain spill to prevent migration. Do not allow the | e undiluted product to enter sewers/surface or ground water.   |
| 6.3 Methods and material for contain                 | nent and cleaning up   |
| Methods for cleaning up                              | : Absorb spillage to prevent material damage. Wipe up with absorbent material (for example cloth). Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Dispose of in accordance with relevant local regulations. |



Reference to other sections

# Wash SolN Conc - 3501020

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Exposure controls and personal protection, see section 8. Concerning disposal elimination after cleaning, see section 13.

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|---------|-----------|----------|------|---|

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| 7.1 Precautions for safe hand   | ling   |
|---|--|
| Precautions for safe handling   | <ul> <li>Ensure good ventilation of the work station. Wear personal protective equipment. Avoid contact with skin and eyes. Do not breathe vapour/aerosol.</li> </ul>  |
| Hygiene measures  | : Handle in accordance with good industrial hygiene and safety procedures. When using do ne<br>eat, drink or smoke. Wash hands and other exposed areas with mild soap and water before<br>eating, drinking or smoking and when leaving work.   |
| 7.2 Conditions for safe storag  | je, including any incompatibilities  |
| Storage conditions  | : Store in original container. Keep container tightly closed. To maintain product quality, store according to the instructions in the product labeling.  |
| Prohibitions on mixed storage   | : Keep away from food, drink and animal feeding stuffs.  |
| Incompatible materials  | : No additional information available.   |
| 7.3Specific end use(s)Laboratory reagent, Immunoassays  |  |
| 8 Exposure controls/persor  | nnal nyataatian  |
| C Exposure controls/persor  | nnel protection  |
| 8.1 Control parameters  | nner protection  |
| 8.1 Control parameters  | ant quantities of materials with critical values that have to be monitored at the workplace.   |
| 8.1 Control parameters  |  |
| 8.1 Control parameters<br>The product does not contain any releva   |  |
| 8.1Control parametersThe product does not contain any releva8.2Exposure controls  | ant quantities of materials with critical values that have to be monitored at the workplace.   |
| 8.1       Control parameters         The product does not contain any releval         8.2       Exposure controls         Appropriate engineering controls  | <ul> <li>ant quantities of materials with critical values that have to be monitored at the workplace.</li> <li>Provide local exhaust or general room ventilation to minimize vapour concentrations.</li> <li>Wear suitable gloves (EN 374). Nitrile rubber, 0.35 mm. Butyl rubber, 0.5 mm. The exact break through time has to be found out by the manufacturer of the protective gloves and has</li> </ul>  |
| <ul> <li>8.1 Control parameters</li> <li>The product does not contain any relevance</li> <li>8.2 Exposure controls</li> <li>Appropriate engineering controls</li> <li>Hand protection</li> </ul>  | <ul> <li>ant quantities of materials with critical values that have to be monitored at the workplace.</li> <li>Provide local exhaust or general room ventilation to minimize vapour concentrations.</li> <li>Wear suitable gloves (EN 374). Nitrile rubber, 0.35 mm. Butyl rubber, 0.5 mm. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.</li> </ul>  |
| 8.1       Control parameters         The product does not contain any releval         8.2       Exposure controls         Appropriate engineering controls         Hand protection         Eye protection   | <ul> <li>ant quantities of materials with critical values that have to be monitored at the workplace.</li> <li>Provide local exhaust or general room ventilation to minimize vapour concentrations.</li> <li>Wear suitable gloves (EN 374). Nitrile rubber, 0.35 mm. Butyl rubber, 0.5 mm. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.</li> <li>Wear safety glasses (EN 166).</li> </ul>   |
| 8.1       Control parameters         The product does not contain any releval         8.2       Exposure controls         Appropriate engineering controls         Hand protection         Eye protection         Skin and body protection                                | <ul> <li>ant quantities of materials with critical values that have to be monitored at the workplace.</li> <li>Provide local exhaust or general room ventilation to minimize vapour concentrations.</li> <li>Wear suitable gloves (EN 374). Nitrile rubber, 0.35 mm. Butyl rubber, 0.5 mm. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.</li> <li>Wear safety glasses (EN 166).</li> <li>Wear suitable protective clothing.</li> </ul>   |
| 8.1       Control parameters         The product does not contain any releval         8.2       Exposure controls         Appropriate engineering controls         Hand protection         Eye protection         Skin and body protection         Respiratory protection | <ul> <li>ant quantities of materials with critical values that have to be monitored at the workplace.</li> <li>Provide local exhaust or general room ventilation to minimize vapour concentrations.</li> <li>Wear suitable gloves (EN 374). Nitrile rubber, 0.35 mm. Butyl rubber, 0.5 mm. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.</li> <li>Wear safety glasses (EN 166).</li> <li>Wear suitable protective clothing.</li> <li>Under normal conditions, the use of this product should not require respiratory protection.</li> <li>Avoid release to the environment.</li> </ul> |

| 9.1          | information on basic physical and chemica     | пp | roperties          |
|--------------|---|----|--------------------|
| Physical st  | tate  | :  | Liquid             |
| Colour       |   | :  | Colorless          |
| Odor         |   | :  | Odorless           |
| Melting po   | int/freezing point                            | :  | No data available  |
| Boiling poi  | nt or initial boiling point and boiling range | :  | No data available  |
| Flammabil    | ity   | :  | No data available  |
| Lower and    | upper explosion limit                         | :  | No data available  |
| Flash poin   | t   | :  | No data available  |
| Auto-ignitio | on temperature                                | :  | No data available  |
| Decompos     | ition temperature                             | :  | No data available  |
| pН           |   | :  | [7.5 – 8.5] @ 20°C |
| Kinematic    | viscosity                                     | :  | No data available  |
| Solubility   |   | :  | No data available  |
| Partition co | pefficient n-octanol/water (log value)        | :  | Not applicable     |
| Vapour pre   | essure  | :  | No data available  |
| Density an   | d/or relative density                         | :  | 1.00 @ 20°C        |
| Relative va  | apour density                                 | :  | No data available  |
| Particle siz | ze  | :  | Not applicable     |
|              |   |    |                    |

## 9.2 Other information

9.2.1 Information with regard to physical hazard classes

Explosive properties Oxidising properties : No explosive properties

9.2.2 Other safety characteristics No additional information available

: No oxidising properties



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# 10Stability and reactivity10.1Reactivity

No dangerous reactions known under normal conditions of use.

## 10.2 Chemical stability

Stable under use and storage conditions as recommended in section 7.

10.3 Possibility of hazardous reactions

None under normal use.

### 10.4 Conditions to avoid

Avoid exposure to heat and direct sunlight.

#### 10.5 Incompatible materials

No additional information available.

## 10.6 Hazardous decomposition products

No hazardous decomposition products known at room temperature. In case of fire: Toxic gases may be formed. Carbon dioxide. Carbon monoxide.

# 11 Toxicological information 11.1 Information on hazard classes as defi

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

| Acute toxicity                                      | : Not classified   |
|---|--|
|   | Based on available data, the classification criteria are not met   |
| Skin corrosion/irritation                           | : Not classified   |
|   | Based on available data, the classification criteria are not met   |
| Serious eye damage/irritation                       | : Not classified   |
|   | Based on available data, the classification criteria are not met   |
| Respiratory or skin sensitization                   | : Not classified   |
|   | Based on available data, the classification criteria are not met   |
| Germ cell mutagenicity                              | : Not classified   |
|   | Based on available data, the classification criteria are not met   |
| Carcinogenicity                                     | : Not classified   |
|   | Based on available data, the classification criteria are not met   |
| Reproductive toxicity                               | : Not classified   |
|   | Based on available data, the classification criteria are not met   |
| Specific target organ toxicity (single exposure)    | : Not classified   |
|   | Based on available data, the classification criteria are not met   |
| Specific target organ toxicity (repeated exposure)  | : Not classified   |
|   | Based on available data, the classification criteria are not met   |
| Aspiration hazard                                   | : Not classified   |
|   | Based on available data, the classification criteria are not met   |
| 11.2 Information on other hazards                   |  |
| Potential adverse human health effects and symptoms | : Based on available data, the classification criteria are not met |

# 12 Ecological information 12.1 Toxicity Acute aquatic toxicity : Not classified Chronic aquatic toxicity : Not classified 12.2 Persistence and degradability Not required for inorganic substances. 12.3 Bioaccumulative potential Not required for inorganic substances.

12.4 Mobility in soil

No additional information available.

## 12.5 Results of PBT and vPvB assessment

Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

#### 12.6 Endocrine disrupting properties

#### No additional information available.

#### 12.7 Other adverse effects

No additional information available.



13.1

14.1

14 2

14.3

14.4

14.5

14.6

14.7

## Wash SolN Conc - 3501020

Safety Data sheet

According to regulation (EU) 2020/878

Date of issue: 20.08.2024 Revision date: 28.03.2025 Version/Replaced version: 2.0/1.0 13 Disposal considerations Waste treatment methods Regional legislation (waste) : Dispose in a safe manner in accordance with local/national regulations. Waste treatment methods Do not empty into drains. Dispose of this material and its container in a safe way. • Waste code The waste code number according to the Ordinance on the European Waste Catalogue depends on the waste producer and can therefore vary for any given product. The waste code number is therefore to be gleaned separately from each waste producer. 14 Transport information In accordance with ADR / IMDG / IATA UN number or ID number UN-No. (ADR) : Not applicable UN-No. (IMDG) Not applicable UN-No. (IATA) Not applicable UN proper shipping name Proper Shipping Name (ADR) Not applicable Proper Shipping Name (IMDG) Not applicable Proper Shipping Name (IATA) : Not applicable Transport hazard class(es) Transport hazard class(es) (ADR) : Not applicable Transport hazard class(es) (IMDG) Not applicable : Transport hazard class(es) (IATA) Not applicable **Packing group** Packing group (ADR) : Not applicable Packing group (IMDG) Not applicable Packing group (IATA) Not applicable **Environmental hazards** Dangerous for the environment : No Marine pollutant : No Other information No supplementary information available Special precautions for user Overland transport Not applicable Transport by sea Not applicable : Not applicable Air transport Maritime transport in bulk according to IMO instruments Not applicable

15 Regulatory information

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

15.1.1 **EU-Regulations** 

Contains no substance on the REACH candidate list.

Contains no REACH Annex XIV substances.

#### 1512 National regulations

Comply with applicable local regulations.

#### 15.2 **Chemical safety assessment**

No chemical safety assessment has been carried out.

## 16 Other information

Data sources

: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.



# Wash SolN Conc - 3501020

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| Change | compared | to | the | previous | version |
|--------|----------|----|-----|----------|---------|
|        |          |    |     |          |         |

| Previous version : 1.0   | Current version : 2.0  |  |  |
|--|--|--|--|
| 3.2 Mixtures<br>Classification according to<br>Regulation (EC) No. 1272/2008 [CLP] | 3.2 Mixtures<br>Classification according to<br>Regulation (EC) No. 1272/2008 [CLP] |  |  |
| Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317                    | Skin Sens. 1, H317   |  |  |

| Abbreviations an    |   |
|---------------------|---|
| ADR                 | European Agreement concerning the International Carriage of Dangerous Goods by Road                               |
| CLP                 | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures                |
| DMEL                | Derived Minimal Effect Level  |
| DNEL                | Derived No-Effect Level   |
| EC50                | The effective concentration of substance that causes 50% of the maximum response (Median Effective Concentration) |
| ΙΑΤΑ                | International Air Transport Association   |
| IMDG                | "International Maritime Dangerous Goods Code" for the transport of dangerous goods by sea                         |
| LC50                | Lethal Concentration to 50 % of a test population (Median Lethal Concentration)                                   |
| LD50                | Lethal Dose to 50% of a test population (Median Lethal Dose)  |
| LOAEL               | Lowest Observed Adverse Effect Level  |
| NOAEC/L             | No Observed Adverse Effect Concentration/Level  |
| NOEC/L              | No Observed Effect Concentration/Level  |
| OECD                | Organisation for Economic Cooperation and Development   |
| PBT                 | Persistent, Bioaccumulative and Toxic substance   |
| PNEC                | Predicted No-Effect Concentration   |
| REACH               | Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals  |
| SDS                 | Safety Data Sheet   |
| STP                 | Sewage Treatment Plant  |
| UFI                 | Unique Formula Identifier   |
| vPvB                | Very Persistent and Very Bioaccumulative  |
| Full text of H- and | EUH-phrases:  |
| Skin Corr. 1B       | Skin Corrosion, Category 1B   |
| Skin Irrit. 2       | Skin Irritation, Category 2   |
| Skin Sens. 1        | Skin Sensitization, Category 1  |
| Eye Irrit. 2        | Eye Irritation, Category 2  |
| H314                | Causes severe skin burns and eye damage   |
| H315                | Causes skin irritation.   |
| H317                | May cause an allergic skin reaction   |
| H319                | Causes serious eye irritation.  |

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.