



# Reveal® 3-D for Egg Allergen

Kit Product

## Kit identification

Trade name : Reveal® 3-D for Egg Allergen  
Product code : 902082Q  
Part Number(s) : 700002643|902082Q

## Details of the supplier of the Kit safety information sheet

### Manufacturer

Neogen Corporation  
620 Leshner Place  
48912 Lansing, Michigan  
United States of America  
T 800.234.5333

[sds@neogen.com](mailto:sds@neogen.com), <https://www.neogen.com/>

## General information

Restrictions on use : Do not use kit components from one kit with any other kit.  
General description : This is a test kit that is comprised of several individual components, listed below, each of which may have its own Safety Data Sheet (SDS). Articles, and otherwise immobilized and inaccessible chemicals, do not have a Safety Data Sheet in this packet.

## Kit contents

| Name                  | GHS classification      |
|-----------------------|-------------------------|
| Swab Wetting Solution | Aquatic Chronic 3, H412 |
| REB 8                 | Not classified          |

## Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR                                     | IMDG          | IATA          | ADN            | RID            |
|-----------------------------------------|---------------|---------------|----------------|----------------|
| <b>14.1. UN number or ID number</b>     |               |               |                |                |
| Not applicable                          | Not regulated | Not regulated | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |               |               |                |                |
| Not applicable                          | Not regulated | Not regulated | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |               |               |                |                |
| Not applicable                          | Not regulated | Not regulated | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |               |               |                |                |
| Not applicable                          | Not regulated | Not regulated | Not applicable | Not applicable |

# Reveal® 3-D for Egg Allergen

## Kit Safety Information Sheet (SIS)

| ADR                                    | IMDG          | IATA          | ADN            | RID            |
|----------------------------------------|---------------|---------------|----------------|----------------|
| <b>14.5. Environmental hazards</b>     |               |               |                |                |
| Not applicable                         | Not regulated | Not regulated | Not applicable | Not applicable |
| No supplementary information available |               |               |                |                |

### Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not regulated

#### Air transport

Not regulated

#### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

### Maritime transport in bulk according to IMO instruments

Not applicable



# Rapid Extraction Buffer, Type 8

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 12/06/2025 Revision date: 24/09/2025 Supersedes version of: 12/06/2025 Version: 2.0

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

#### 1.1. Product identifier

|                 |                                   |
|-----------------|-----------------------------------|
| Product form    | : Mixture                         |
| Trade name      | : Rapid Extraction Buffer, Type 8 |
| Product code    | : T501114M                        |
| Type of product | : Food Safety -- [Food Safety]    |
| Part Number(s)  | : T501114M T501114B               |

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

##### Relevant identified uses

|                              |                                                               |
|------------------------------|---------------------------------------------------------------|
| Use of the substance/mixture | : Scientific research and development<br>Laboratory chemicals |
|------------------------------|---------------------------------------------------------------|

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

##### Manufacturer

Neogen Corporation  
620 Leshar Place  
48912 Lansing, Michigan  
United States of America  
T 800.234.5333  
[sds@neogen.com](mailto:sds@neogen.com), <https://www.neogen.com/>

#### 1.4. Emergency telephone number

|                  |                                                                                                                                                                                  |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Emergency number | : 24 hours:<br>Medical: 1-800-498-5743 (U.S. and Canada) or 1-651-523-0318 (international)<br>Spill/CHEMTREC: 1-800-424-9300 (U.S. and Canada) or 1-703-527-3887 (international) |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### SECTION 2: Hazards identification

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

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

Not classified

##### Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

#### 2.2. Label elements

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

No labelling applicable

#### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

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 substance(s) are 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 at a concentration equal to or greater than 0,1 %

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II

# Rapid Extraction Buffer, Type 8

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |                                                                                   |
|---------------------------------------|-----------------------------------------------------------------------------------|
| First-aid measures general            | : If you feel unwell, seek medical advice.                                        |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.                  |
| First-aid measures after skin contact | : Wash skin with plenty of water.                                                 |
| First-aid measures after eye contact  | : Rinse eyes with water as a precaution.                                          |
| First-aid measures after ingestion    | : Call a poison center or a doctor if you feel unwell.                            |
| Self protection of the first-aider    | : First aid workers will be equipped with suitable personal protective equipment. |

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

|                                     |                                 |
|-------------------------------------|---------------------------------|
| Symptoms/effects after inhalation   | : None under normal conditions. |
| Symptoms/effects after skin contact | : None under normal conditions. |
| Symptoms/effects after eye contact  | : None under normal conditions. |
| Symptoms/effects after ingestion    | : None under normal conditions. |

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                |                                                  |
|--------------------------------|--------------------------------------------------|
| Suitable extinguishing media   | : Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.               |

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

|                                                  |                                |
|--------------------------------------------------|--------------------------------|
| Fire hazard                                      | : No fire hazard.              |
| Explosion hazard                                 | : No direct explosion hazard.  |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |

#### 5.3. Advice for firefighters

|                                |                                                                                                                                                       |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Firefighting instructions      | : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.              |

### SECTION 6: Accidental release measures

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

|                  |                                                                                                                                            |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| General measures | : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.<br>Absorb spillage to prevent material damage. |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------|

##### For non-emergency personnel

|                      |                                                   |
|----------------------|---------------------------------------------------|
| Protective equipment | : Wear recommended personal protective equipment. |
| Emergency procedures | : Ventilate spillage area.                        |

##### For emergency responders

|                      |                                                                                                                                                             |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : Evacuate unnecessary personnel. Stop leak if safe to do so.                                                                                               |

#### 6.2. Environmental precautions

Avoid release to the environment.

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## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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

|                         |                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| For containment         | : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible. |
| Methods for cleaning up | : Take up liquid spill into absorbent material.                                                                                                                                       |
| Other information       | : Dispose of materials or solid residues at an authorized site.                                                                                                                       |

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 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.                  |
| Hygiene measures              | : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. |

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

|                     |                                                                             |
|---------------------|-----------------------------------------------------------------------------|
| Technical measures  | : Keep in a cool, well-ventilated place away from heat.                     |
| Storage conditions  | : Keep cool. Protect from sunlight.                                         |
| Packaging materials | : Store always product in container of same material as original container. |

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

#### Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Personal protection equipment

##### Personal protective equipment:

Wear recommended personal protective equipment.

##### Personal protective equipment symbol(s):



#### Eye and face protection

##### Eye protection:

Safety glasses

#### Skin protection

##### Skin and body protection:

Wear suitable protective clothing

#### Hand protection:

Protective gloves

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### Respiratory protection

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

### Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

|                                                 |                      |
|-------------------------------------------------|----------------------|
| Physical state                                  | : Liquid             |
| Colour                                          | : Clear. Colourless. |
| Appearance                                      | : Liquid.            |
| Odour                                           | : Odourless.         |
| Odour threshold                                 | : Not available      |
| Melting point                                   | : Not applicable     |
| Freezing point                                  | : Not available      |
| Boiling point                                   | : Not available      |
| Flammability                                    | : Non flammable.     |
| Lower explosion limit                           | : Not available      |
| Upper explosion limit                           | : Not available      |
| Flash point                                     | : Not available      |
| Auto-ignition temperature                       | : Not available      |
| Decomposition temperature                       | : Not available      |
| pH                                              | : 10                 |
| Viscosity, kinematic                            | : Not available      |
| Solubility                                      | : Soluble in water.  |
| Partition coefficient n-octanol/water (Log Kow) | : Not available      |
| Vapour pressure                                 | : Not available      |
| Vapour pressure at 50°C                         | : Not available      |
| Density                                         | : Not available      |
| Relative density                                | : Not available      |
| Relative vapour density at 20°C                 | : Not available      |
| Particle characteristics                        | : Not applicable     |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

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

|                                   |                                                                                               |
|-----------------------------------|-----------------------------------------------------------------------------------------------|
| Acute toxicity (oral)             | : Not classified (Based on available data, the classification criteria are not met)           |
| Acute toxicity (dermal)           | : Not classified (Based on available data, the classification criteria are not met)           |
| Acute toxicity (inhalation)       | : 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)<br>pH: 10 |
| Serious eye damage/irritation     | : Not classified (Based on available data, the classification criteria are not met)<br>pH: 10 |
| Respiratory or skin sensitisation | : 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)           |
| STOT-single exposure              | : Not classified (Based on available data, the classification criteria are not met)           |
| STOT-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

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

|                                                           |                                                                                                                         |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Ecology - general                                         | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified (Based on available data, the classification criteria are not met)                                     |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified (Based on available data, the classification criteria are not met)                                     |

### 12.2. Persistence and degradability

#### Rapid Extraction Buffer, Type 8

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

# Rapid Extraction Buffer, Type 8

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878




### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

|                                            |                                                                                               |
|--------------------------------------------|-----------------------------------------------------------------------------------------------|
| Regional waste regulation                  | : Disposal must be done according to official regulations.                                    |
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Sewage disposal recommendations            | : Disposal must be done according to official regulations.                                    |
| Product/Packaging disposal recommendations | : Disposal must be done according to official regulations.                                    |
| Additional information                     | : Do not re-use empty containers.                                                             |

### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR                                                                                 | IMDG          | IATA          | ADN                                                                                   | RID                                                                                   |
|-------------------------------------------------------------------------------------|---------------|---------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>14.1. UN number or ID number</b>                                                 |               |               |                                                                                       |                                                                                       |
| UN 1474                                                                             | Not regulated | Not regulated | UN 1474                                                                               | UN 1474                                                                               |
| <b>14.2. UN proper shipping name</b>                                                |               |               |                                                                                       |                                                                                       |
| MAGNESIUM NITRATE                                                                   | Not regulated | Not regulated | MAGNESIUM NITRATE                                                                     | MAGNESIUM NITRATE                                                                     |
| <b>Transport document description</b>                                               |               |               |                                                                                       |                                                                                       |
| UN 1474 MAGNESIUM NITRATE, 5.1, III, (E)                                            | Not regulated | Not regulated | UN 1474 MAGNESIUM NITRATE, 5.1, III                                                   | UN 1474 MAGNESIUM NITRATE, 5.1, III                                                   |
| <b>14.3. Transport hazard class(es)</b>                                             |               |               |                                                                                       |                                                                                       |
| 5.1                                                                                 | Not regulated | Not regulated | 5.1                                                                                   | 5.1                                                                                   |
|  | Not regulated | Not regulated |  |  |
| <b>14.4. Packing group</b>                                                          |               |               |                                                                                       |                                                                                       |
| III                                                                                 | Not regulated | Not regulated | III                                                                                   | III                                                                                   |
| <b>14.5. Environmental hazards</b>                                                  |               |               |                                                                                       |                                                                                       |
| Dangerous for the environment: No                                                   | Not regulated | Not regulated | Dangerous for the environment: No                                                     | Dangerous for the environment: No                                                     |
| No supplementary information available                                              |               |               |                                                                                       |                                                                                       |

#### 14.6. Special precautions for user

##### Overland transport

|                                                           |                           |
|-----------------------------------------------------------|---------------------------|
| Classification code (ADR)                                 | : O2                      |
| Special provisions (ADR)                                  | : 332                     |
| Limited quantities (ADR)                                  | : 5kg                     |
| Excepted quantities (ADR)                                 | : E1                      |
| Packing instructions (ADR)                                | : P002, IBC08, LP02, R001 |
| Special packing provisions (ADR)                          | : B3                      |
| Mixed packing provisions (ADR)                            | : MP10                    |
| Portable tank and bulk container instructions (ADR)       | : T1, BK1, BK2, BK3       |
| Portable tank and bulk container special provisions (ADR) | : TP33                    |
| Tank code (ADR)                                           | : SGAV                    |
| Tank special provisions (ADR)                             | : TU3                     |
| Vehicle for tank carriage                                 | : AT                      |
| Transport category (ADR)                                  | : 3                       |
| Special provisions for carriage - Bulk (ADR)              | : VC1, VC2, AP6, AP7      |

# Rapid Extraction Buffer, Type 8

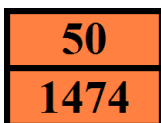
## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Special provisions for carriage - Loading, unloading and handling (ADR) : CV24

Hazard identification number (Kemler No.) : 50

Orange plates :



Tunnel restriction code (ADR) : E

### Transport by sea

Not regulated

### Air transport

Not regulated

### Inland waterway transport

Classification code (ADN) : O2

Special provisions (ADN) : 332

Limited quantities (ADN) : 5 kg

Excepted quantities (ADN) : E1

Carriage permitted (ADN) : B

Equipment required (ADN) : PP

Provisions prior to loading (ADN) : LO04

Provisions for carriage in bulk (ADN) : CO02

Number of blue cones/lights (ADN) : 0

Additional requirements/Remarks (ADN) : CO02 and LO04 apply only when this substance is carried in bulk or without packaging

### Rail transport

Classification code (RID) : O2

Special provisions (RID) : 332

Limited quantities (RID) : 5kg

Excepted quantities (RID) : E1

Packing instructions (RID) : P002, IBC08, LP02, R001

Special packing provisions (RID) : B3

Mixed packing provisions (RID) : MP10

Portable tank and bulk container instructions (RID) : T1, BK1, BK2, BK3

Portable tank and bulk container special provisions (RID) : TP33

Tank codes for RID tanks (RID) : SGAV

Special provisions for RID tanks (RID) : TU3

Transport category (RID) : 3

Special provisions for carriage – Bulk (RID) : VC1, VC2, AP6, AP7

Special provisions for carriage - Loading, unloading and handling (RID) : CW24

Colis express (express parcels) (RID) : CE11

Hazard identification number (RID) : 50

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

Not applicable

## SECTION 15: Regulatory information

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

#### EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

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## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

### Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

### Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

### Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| Abbreviations and acronyms: |                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------|
| ACGIH                       | American Conference of Government Industrial Hygienists                                         |
| ADN                         | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR                         | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE                         | Acute Toxicity Estimate                                                                         |
| BCF                         | Bioconcentration factor                                                                         |
| BLV                         | Biological limit value                                                                          |
| BOD                         | Biochemical oxygen demand (BOD)                                                                 |
| CAS-No.                     | Chemical Abstract Service number                                                                |
| CLP                         | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                     |
| COD                         | Chemical oxygen demand (COD)                                                                    |
| CSA                         | Chemical safety assessment                                                                      |
| DMEL                        | Derived Minimal Effect level                                                                    |
| DNEL                        | Derived-No Effect Level                                                                         |
| EC-No.                      | European Community number                                                                       |
| EC50                        | Median effective concentration                                                                  |
| ED                          | Endocrine disruptor                                                                             |
| EN                          | European Standard                                                                               |
| EWC                         | European waste catalogue                                                                        |
| IARC                        | International Agency for Research on Cancer                                                     |
| IATA                        | International Air Transport Association                                                         |
| IMDG                        | International Maritime Dangerous Goods                                                          |

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| Abbreviations and acronyms: |                                                                              |
|-----------------------------|------------------------------------------------------------------------------|
| LC50                        | Median lethal concentration                                                  |
| LD50                        | Median lethal dose                                                           |
| LOAEL                       | Lowest Observed Adverse Effect Level                                         |
| Log Kow                     | Partition coefficient n-octanol/water (Log Kow)                              |
| Log Pow                     | Partition coefficient n-octanol/water (Log Pow)                              |
| MAK                         | maximum workplace concentration                                              |
| NOAEC                       | No-Observed Adverse Effect Concentration                                     |
| NOAEL                       | No-Observed Adverse Effect Level                                             |
| NOEC                        | No-Observed Effect Concentration                                             |
| N.O.S.                      | Not Otherwise Specified                                                      |
| OECD                        | Organisation for Economic Co-operation and Development                       |
| OEL                         | Occupational Exposure Limit                                                  |
| OSHA                        | Occupational Safety Health Administration                                    |
| PBT                         | Persistent Bioaccumulative Toxic                                             |
| PNEC                        | Predicted No-Effect Concentration                                            |
| PPE                         | Personal protection equipment                                                |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS                         | Safety Data Sheet                                                            |
| STP                         | Sewage treatment plant                                                       |
| TF                          | Technical function                                                           |
| ThOD                        | Theoretical oxygen demand (ThOD)                                             |
| TLM                         | Median Tolerance Limit                                                       |
| TWA                         | Time Weighted Average                                                        |
| VOC                         | Volatile Organic Compounds                                                   |
| vPvB                        | Very Persistent and Very Bioaccumulative                                     |
| UFI                         | Unique Formula Identifier                                                    |

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

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.

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Swab Wetting Solution  
Product code : 24368  
Type of product : Food Safety -- [Food Safety]  
Part Number(s) : 24368|400000166

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

##### Relevant identified uses

Use of the substance/mixture : Laboratory chemicals  
Scientific research and development

##### Uses advised against

Restrictions on use : Do not use kit components from one kit with any other kit.

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

##### Manufacturer

Neogen Corporation  
620 Leshler Place  
48912 Lansing, Michigan  
United States of America  
T 800.234.5333  
[sds@neogen.com](mailto:sds@neogen.com), <https://www.neogen.com/>

#### 1.4. Emergency telephone number

Emergency number : 24 hours:  
Medical: 1-800-498-5743 (U.S. and Canada) or 1-651-523-0318 (international)  
Spill/CHEMTREC: 1-800-424-9300 (U.S. and Canada) or 1-703-527-3887 (international)

### SECTION 2: Hazards identification

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

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

Hazardous to the aquatic environment – Chronic Hazard, H412  
Category 3  
Full text of H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

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

Signal word (CLP) : -  
Hazard statements (CLP) : H412 - Harmful to aquatic life with long lasting effects.

#### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

#### Component

|                                                                                              |                                                                                                                      |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII | Sodium chloride (7647-14-5), Di-sodium hydrogen phosphate (10028-24-7), Copper dinitrate (3251-23-8)( <sup>1</sup> ) |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|

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| Component                                                                                     |                                                                                                                      |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII | Sodium chloride (7647-14-5), Di-sodium hydrogen phosphate (10028-24-7), Copper dinitrate (3251-23-8)( <sup>1</sup> ) |

(<sup>1</sup>) Substance(s) in concentration below 0.1 % and displayed on a voluntary basis

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 substance(s) are 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 at a concentration equal to or greater than 0,1 %

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

| Name                                                                                                                               | Product identifier                       | %          | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sodium chloride substance with national workplace exposure limit(s) (LT, LV)                                                       | CAS-No.: 7647-14-5<br>EC-No.: 231-598-3  | ≥ 5 – < 10 | Not classified                                                                                                                                                                |
| Di-sodium hydrogen phosphate                                                                                                       | CAS-No.: 10028-24-7<br>EC-No.: 231-448-7 | ≥ 1 – < 5  | Acute Tox. 3 (Inhalation:dust,mist), H331                                                                                                                                     |
| 2-Methyl-5-chloro-3-isothiazolone substance with national workplace exposure limit(s) (AT)                                         | CAS-No.: 26172-55-4<br>EC-No.: 247-500-7 | < 0.1      | Acute Tox. 3 (Oral), H301<br>Acute Tox. 2 (Dermal), H310<br>Acute Tox. 2 (Inhalation:dust,mist), H330<br>Aquatic Acute 1, H400 (M=10)<br>Aquatic Chronic 1, H410 (M=10)       |
| Copper dinitrate substance with national workplace exposure limit(s) (FI, NL); substance with a Community workplace exposure limit | CAS-No.: 3251-23-8<br>EC-No.: 221-838-5  | < 0.1      | Ox. Sol. 2, H272<br>Acute Tox. 4 (Oral), H302<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>STOT RE 2, H373<br>Aquatic Acute 1, H400 (M=10)<br>Aquatic Chronic 1, H410 (M=10) |

Full text of H- and EUH-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |                                                                                   |
|---------------------------------------|-----------------------------------------------------------------------------------|
| First-aid measures general            | : If you feel unwell, seek medical advice.                                        |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.                  |
| First-aid measures after skin contact | : Wash skin with plenty of water.                                                 |
| First-aid measures after eye contact  | : Rinse eyes with water as a precaution.                                          |
| First-aid measures after ingestion    | : Call a poison center or a doctor if you feel unwell.                            |
| Self protection of the first-aiders   | : First aid workers will be equipped with suitable personal protective equipment. |

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

|                                     |                                 |
|-------------------------------------|---------------------------------|
| Symptoms/effects after inhalation   | : None under normal conditions. |
| Symptoms/effects after skin contact | : None under normal conditions. |
| Symptoms/effects after eye contact  | : None under normal conditions. |
| Symptoms/effects after ingestion    | : None under normal conditions. |

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

Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.  
Unsuitable extinguishing media : Do not use a heavy water stream.

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

- Fire hazard : No fire hazard.  
Explosion hazard : No direct explosion hazard.  
Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Advice for firefighters

- Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.  
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

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

- General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.  
Absorb spillage to prevent material damage.

##### For non-emergency personnel

- Protective equipment : Wear recommended personal protective equipment.  
Emergency procedures : Ventilate spillage area.

##### For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".  
Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

#### 6.2. Environmental precautions

Avoid release to the environment.

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

- For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.  
Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

### SECTION 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.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

- Technical measures : Keep in a cool, well-ventilated place away from heat.  
Storage conditions : Keep cool. Protect from sunlight.  
Packaging materials : Store always product in container of same material as original container.

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### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### National occupational exposure and biological limit values

| Copper dinitrate (3251-23-8)                       |                                              |
|----------------------------------------------------|----------------------------------------------|
| EU - Indicative Occupational Exposure Limit (IOEL) |                                              |
| Local name                                         | Copper(II) nitrate                           |
| IOEL TWA                                           | 0.01 mg/m <sup>3</sup> (respirable fraction) |
| Remark                                             | (Year of adoption 2014)                      |
| Regulatory reference                               | SCOEL Recommendations                        |

### 8.2. Exposure controls

#### Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Personal protection equipment

##### Personal protective equipment:

Wear recommended personal protective equipment.

##### Personal protective equipment symbol(s):



#### Eye and face protection

##### Eye protection:

Safety glasses

#### Skin protection

##### Skin and body protection:

Wear suitable protective clothing

##### Hand protection:

Protective gloves

#### Respiratory protection

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### Environmental exposure controls

##### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

|                 |                      |
|-----------------|----------------------|
| Physical state  | : Liquid             |
| Colour          | : Clear. Colourless. |
| Odour           | : Odourless.         |
| Odour threshold | : Not available      |

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|                                                 |                     |
|-------------------------------------------------|---------------------|
| Melting point                                   | : Not applicable    |
| Freezing point                                  | : Not available     |
| Boiling point                                   | : Not available     |
| Flammability                                    | : Non flammable.    |
| Lower explosion limit                           | : Not available     |
| Upper explosion limit                           | : Not available     |
| Flash point                                     | : Not available     |
| Auto-ignition temperature                       | : Not available     |
| Decomposition temperature                       | : Not available     |
| pH                                              | : Not available     |
| Viscosity, kinematic                            | : Not available     |
| Solubility                                      | : Soluble in water. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available     |
| Vapour pressure                                 | : Not available     |
| Vapour pressure at 50°C                         | : Not available     |
| Density                                         | : Not available     |
| Relative density                                | : Not available     |
| Relative vapour density at 20°C                 | : Not available     |
| Particle characteristics                        | : Not applicable    |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

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

|                             |                                                                                     |
|-----------------------------|-------------------------------------------------------------------------------------|
| Acute toxicity (oral)       | : Not classified (Based on available data, the classification criteria are not met) |
| Acute toxicity (dermal)     | : Not classified (Based on available data, the classification criteria are not met) |
| Acute toxicity (inhalation) | : Not classified (Based on available data, the classification criteria are not met) |

| Sodium chloride (7647-14-5) |                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------|
| LD50 oral rat               | > 3980 mg/kg bodyweight (Rat, Experimental value, 20 % aqueous solution, Oral)                  |
| LD50 dermal rabbit          | > 10000 mg/kg (Rabbit, Experimental value, Dermal)                                              |
| LC50 Inhalation - Rat       | > 42 mg/l air (1 h, Rat, Male, Experimental value, 20 % aqueous solution, Inhalation (aerosol)) |

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| <b>Sodium chloride (7647-14-5)</b>                    |                                                                                                                                                      |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| LC50 Inhalation - Rat (Dust/Mist)                     | > 10.5 mg/l Source: Corporate Solution From Thomson Micromedex                                                                                       |
| <b>Di-sodium hydrogen phosphate (10028-24-7)</b>      |                                                                                                                                                      |
| LD50 oral rat                                         | > 2000 mg/kg bodyweight (OECD 420: Acute Oral toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Anhydrous form, Oral, 14 day(s)) |
| LD50 dermal rat                                       | > 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Anhydrous form, Dermal, 14 day(s))           |
| LC50 Inhalation - Rat                                 | > 0.83 mg/l (EPA OPP 81-3: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Anhydrous form, Inhalation (dust), 14 day(s))     |
| <b>2-Methyl-5-chloro-3-isothiazolone (26172-55-4)</b> |                                                                                                                                                      |
| LD50 oral rat                                         | 66 mg/kg Source: NCIS                                                                                                                                |
| LD50 dermal rat                                       | 141 mg/kg Source: NCIS                                                                                                                               |
| LC50 Inhalation - Rat (Dust/Mist)                     | 0.33 mg/l Source: NCIS                                                                                                                               |
| <b>Copper dinitrate (3251-23-8)</b>                   |                                                                                                                                                      |
| LD50 oral rat                                         | 930 mg/kg Source: ChemIDPLUS                                                                                                                         |
| Skin corrosion/irritation                             | : Not classified (Based on available data, the classification criteria are not met)                                                                  |
| <b>Sodium chloride (7647-14-5)</b>                    |                                                                                                                                                      |
| pH                                                    | 7.5 (18 °C)                                                                                                                                          |
| <b>Di-sodium hydrogen phosphate (10028-24-7)</b>      |                                                                                                                                                      |
| pH                                                    | 9 (1 %)                                                                                                                                              |
| <b>Copper dinitrate (3251-23-8)</b>                   |                                                                                                                                                      |
| pH                                                    | 4                                                                                                                                                    |
| Serious eye damage/irritation                         | : Not classified (Based on available data, the classification criteria are not met)                                                                  |
| <b>Sodium chloride (7647-14-5)</b>                    |                                                                                                                                                      |
| pH                                                    | 7.5 (18 °C)                                                                                                                                          |
| <b>Di-sodium hydrogen phosphate (10028-24-7)</b>      |                                                                                                                                                      |
| pH                                                    | 9 (1 %)                                                                                                                                              |
| <b>Copper dinitrate (3251-23-8)</b>                   |                                                                                                                                                      |
| pH                                                    | 4                                                                                                                                                    |
| Respiratory or skin sensitisation                     | : 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)                                                                  |
| STOT-single exposure                                  | : Not classified (Based on available data, the classification criteria are not met)                                                                  |
| STOT-repeated exposure                                | : Not classified (Based on available data, the classification criteria are not met)                                                                  |
| <b>Copper dinitrate (3251-23-8)</b>                   |                                                                                                                                                      |
| NOAEL (oral, rat, 90 days)                            | 16.3 – 17.3 mg/kg bw/day                                                                                                                             |
| STOT-repeated exposure                                | May cause damage to organs through prolonged or repeated exposure.                                                                                   |
| Aspiration hazard                                     | : Not classified (Based on available data, the classification criteria are not met)                                                                  |
| <b>Sodium chloride (7647-14-5)</b>                    |                                                                                                                                                      |
| Viscosity, kinematic                                  | Not applicable (solid)                                                                                                                               |

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### Di-sodium hydrogen phosphate (10028-24-7)

|                      |                        |
|----------------------|------------------------|
| Viscosity, kinematic | Not applicable (solid) |
|----------------------|------------------------|

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.  
Hazardous to the aquatic environment, short-term (acute) : Not classified (Based on available data, the classification criteria are not met)  
Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

### Sodium chloride (7647-14-5)

|                 |                                                                                                           |
|-----------------|-----------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1] | 5840 mg/l (ASTM, 96 h, Lepomis macrochirus, Flow-through system, Fresh water, Experimental value, Lethal) |
| LOEC (chronic)  | 441 mg/l Test organisms (species): Daphnia pulex Duration: '21 d'                                         |
| NOEC (chronic)  | 314 mg/l Test organisms (species): Daphnia pulex Duration: '21 d'                                         |

### Di-sodium hydrogen phosphate (10028-24-7)

|                      |                                                                                                                                                   |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]      | > 100 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Semi-static system, Fresh water, Experimental value, Anhydrous form)  |
| EC50 - Crustacea [1] | > 100 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Anhydrous form) |
| ErC50 algae          | > 100 mg/l (EU Method C.3, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Anhydrous form)                         |

### 2-Methyl-5-chloro-3-isothiazolone (26172-55-4)

|                      |                         |
|----------------------|-------------------------|
| LC50 - Fish [1]      | 0.19 mg/l Source: NCIS  |
| EC50 - Crustacea [1] | 0.18 mg/l Source: NCIS  |
| EC50 96h - Algae [1] | 0.062 mg/l Source: NCIS |

### Copper dinitrate (3251-23-8)

|                      |                                                                                                                                  |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]      | 38.4 – 256.2 µg/l (96 h, Pimephales promelas, Flow-through system, Fresh water, Read-across)                                     |
| EC50 - Crustacea [1] | 33.8 µg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Weight of evidence) |
| EC50 72h - Algae [1] | 35 – 824 µg/l                                                                                                                    |

### 12.2. Persistence and degradability

#### Swab Wetting Solution

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

#### Sodium chloride (7647-14-5)

|                               |                                   |
|-------------------------------|-----------------------------------|
| Persistence and degradability | Biodegradability: not applicable. |
| Chemical oxygen demand (COD)  | Not applicable (inorganic)        |
| ThOD                          | Not applicable (inorganic)        |

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| Di-sodium hydrogen phosphate (10028-24-7) |                                   |
|-------------------------------------------|-----------------------------------|
| Persistence and degradability             | Biodegradability: not applicable. |
| Chemical oxygen demand (COD)              | Not applicable (inorganic)        |
| ThOD                                      | Not applicable (inorganic)        |

| 2-Methyl-5-chloro-3-isothiazolone (26172-55-4) |                        |
|------------------------------------------------|------------------------|
| Persistence and degradability                  | Not rapidly degradable |

| Copper dinitrate (3251-23-8)  |                                   |
|-------------------------------|-----------------------------------|
| Persistence and degradability | Biodegradability: not applicable. |
| Chemical oxygen demand (COD)  | Not applicable                    |
| ThOD                          | Not applicable                    |
| BOD (% of ThOD)               | Not applicable                    |

### 12.3. Bioaccumulative potential

| Sodium chloride (7647-14-5) |                      |
|-----------------------------|----------------------|
| Bioaccumulative potential   | Not bioaccumulative. |

| Di-sodium hydrogen phosphate (10028-24-7) |                      |
|-------------------------------------------|----------------------|
| Bioaccumulative potential                 | Not bioaccumulative. |

| 2-Methyl-5-chloro-3-isothiazolone (26172-55-4)  |                    |
|-------------------------------------------------|--------------------|
| Partition coefficient n-octanol/water (Log Pow) | 0.401 Source: NCIS |

| Copper dinitrate (3251-23-8)      |                                     |
|-----------------------------------|-------------------------------------|
| BCF - Fish [1]                    | 200 – 667 (Pisces, Cu ion)          |
| BCF - Other aquatic organisms [1] | 471 (168 h, Daphnia magna, Cu ion)  |
| BCF - Other aquatic organisms [2] | 2400 (168 h, Daphnia magna, Cu ion) |
| Bioaccumulative potential         | No test data available.             |

### 12.4. Mobility in soil

| Sodium chloride (7647-14-5) |                                                       |
|-----------------------------|-------------------------------------------------------|
| Surface tension             | 73.03 mN/m (23 °C, 14.5 g/l)                          |
| Ecology - soil              | No (test)data on mobility of the substance available. |

| Di-sodium hydrogen phosphate (10028-24-7) |                                                       |
|-------------------------------------------|-------------------------------------------------------|
| Surface tension                           | No data available in the literature                   |
| Ecology - soil                            | No (test)data on mobility of the substance available. |

| Copper dinitrate (3251-23-8) |                                                            |
|------------------------------|------------------------------------------------------------|
| Surface tension              | 73.2 mN/m (20 °C, 1.3 g/l, EU Method A.5: Surface tension) |
| Ecology - soil               | No (test)data on mobility of the substance available.      |

### 12.5. Results of PBT and vPvB assessment

| Component                                                                                    |                                                                                                                      |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII | Sodium chloride (7647-14-5), Di-sodium hydrogen phosphate (10028-24-7), Copper dinitrate (3251-23-8)( <sup>1</sup> ) |

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### Component

Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII Sodium chloride (7647-14-5), Di-sodium hydrogen phosphate (10028-24-7), Copper dinitrate (3251-23-8)(<sup>1</sup>)

(<sup>1</sup>) Substance(s) in concentration below 0.1 % and displayed on a voluntary basis

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available




## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional waste regulation : Disposal must be done according to official regulations.  
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Sewage disposal recommendations : Disposal must be done according to official regulations.  
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.  
Additional information : Do not re-use empty containers.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR                                                                                 | IMDG          | IATA          | ADN                                                                                   | RID                                                                                   |
|-------------------------------------------------------------------------------------|---------------|---------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>14.1. UN number or ID number</b>                                                 |               |               |                                                                                       |                                                                                       |
| UN 1474                                                                             | Not regulated | Not regulated | UN 1474                                                                               | UN 1474                                                                               |
| <b>14.2. UN proper shipping name</b>                                                |               |               |                                                                                       |                                                                                       |
| MAGNESIUM NITRATE                                                                   | Not regulated | Not regulated | MAGNESIUM NITRATE                                                                     | MAGNESIUM NITRATE                                                                     |
| <b>Transport document description</b>                                               |               |               |                                                                                       |                                                                                       |
| UN 1474 MAGNESIUM NITRATE, 5.1, III, (E)                                            | Not regulated | Not regulated | UN 1474 MAGNESIUM NITRATE, 5.1, III                                                   | UN 1474 MAGNESIUM NITRATE, 5.1, III                                                   |
| <b>14.3. Transport hazard class(es)</b>                                             |               |               |                                                                                       |                                                                                       |
| 5.1                                                                                 | Not regulated | Not regulated | 5.1                                                                                   | 5.1                                                                                   |
|  | Not regulated | Not regulated |  |  |
| <b>14.4. Packing group</b>                                                          |               |               |                                                                                       |                                                                                       |
| III                                                                                 | Not regulated | Not regulated | III                                                                                   | III                                                                                   |
| <b>14.5. Environmental hazards</b>                                                  |               |               |                                                                                       |                                                                                       |
| Dangerous for the environment: No                                                   | Not regulated | Not regulated | Dangerous for the environment: No                                                     | Dangerous for the environment: No                                                     |
| No supplementary information available                                              |               |               |                                                                                       |                                                                                       |

### 14.6. Special precautions for user


#### Overland transport

Classification code (ADR) : O2  
Special provisions (ADR) : 332

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|                                                                         |                                                                                     |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Limited quantities (ADR)                                                | : 5kg                                                                               |
| Excepted quantities (ADR)                                               | : E1                                                                                |
| Packing instructions (ADR)                                              | : P002, IBC08, LP02, R001                                                           |
| Special packing provisions (ADR)                                        | : B3                                                                                |
| Mixed packing provisions (ADR)                                          | : MP10                                                                              |
| Portable tank and bulk container instructions (ADR)                     | : T1, BK1, BK2, BK3                                                                 |
| Portable tank and bulk container special provisions (ADR)               | : TP33                                                                              |
| Tank code (ADR)                                                         | : SGAV                                                                              |
| Tank special provisions (ADR)                                           | : TU3                                                                               |
| Vehicle for tank carriage                                               | : AT                                                                                |
| Transport category (ADR)                                                | : 3                                                                                 |
| Special provisions for carriage - Bulk (ADR)                            | : VC1, VC2, AP6, AP7                                                                |
| Special provisions for carriage - Loading, unloading and handling (ADR) | : CV24                                                                              |
| Hazard identification number (Kemler No.)                               | : 50                                                                                |
| Orange plates                                                           | :  |
| Tunnel restriction code (ADR)                                           | : E                                                                                 |

### Transport by sea

Not regulated

### Air transport

Not regulated

### Inland waterway transport

|                                       |                                                                                        |
|---------------------------------------|----------------------------------------------------------------------------------------|
| Classification code (ADN)             | : O2                                                                                   |
| Special provisions (ADN)              | : 332                                                                                  |
| Limited quantities (ADN)              | : 5 kg                                                                                 |
| Excepted quantities (ADN)             | : E1                                                                                   |
| Carriage permitted (ADN)              | : B                                                                                    |
| Equipment required (ADN)              | : PP                                                                                   |
| Provisions prior to loading (ADN)     | : LO04                                                                                 |
| Provisions for carriage in bulk (ADN) | : CO02                                                                                 |
| Number of blue cones/lights (ADN)     | : 0                                                                                    |
| Additional requirements/Remarks (ADN) | : CO02 and LO04 apply only when this substance is carried in bulk or without packaging |

### Rail transport

|                                                                         |                           |
|-------------------------------------------------------------------------|---------------------------|
| Classification code (RID)                                               | : O2                      |
| Special provisions (RID)                                                | : 332                     |
| Limited quantities (RID)                                                | : 5kg                     |
| Excepted quantities (RID)                                               | : E1                      |
| Packing instructions (RID)                                              | : P002, IBC08, LP02, R001 |
| Special packing provisions (RID)                                        | : B3                      |
| Mixed packing provisions (RID)                                          | : MP10                    |
| Portable tank and bulk container instructions (RID)                     | : T1, BK1, BK2, BK3       |
| Portable tank and bulk container special provisions (RID)               | : TP33                    |
| Tank codes for RID tanks (RID)                                          | : SGAV                    |
| Special provisions for RID tanks (RID)                                  | : TU3                     |
| Transport category (RID)                                                | : 3                       |
| Special provisions for carriage – Bulk (RID)                            | : VC1, VC2, AP6, AP7      |
| Special provisions for carriage - Loading, unloading and handling (RID) | : CW24                    |
| Colis express (express parcels) (RID)                                   | : CE11                    |
| Hazard identification number (RID)                                      | : 50                      |

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

Not applicable

# Swab Wetting Solution

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 15: Regulatory information

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

##### EU-Regulations

###### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

###### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

###### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

###### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

###### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

###### Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

###### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

###### Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

###### Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

#### Abbreviations and acronyms:

|         |                                                                                                 |
|---------|-------------------------------------------------------------------------------------------------|
| ACGIH   | American Conference of Government Industrial Hygienists                                         |
| ADN     | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR     | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE     | Acute Toxicity Estimate                                                                         |
| BCF     | Bioconcentration factor                                                                         |
| BLV     | Biological limit value                                                                          |
| BOD     | Biochemical oxygen demand (BOD)                                                                 |
| CAS-No. | Chemical Abstract Service number                                                                |
| CLP     | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                     |
| COD     | Chemical oxygen demand (COD)                                                                    |
| CSA     | Chemical safety assessment                                                                      |
| DMEL    | Derived Minimal Effect level                                                                    |
| DNEL    | Derived-No Effect Level                                                                         |
| EC-No.  | European Community number                                                                       |

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| Abbreviations and acronyms: |                                                                              |
|-----------------------------|------------------------------------------------------------------------------|
| EC50                        | Median effective concentration                                               |
| ED                          | Endocrine disruptor                                                          |
| EN                          | European Standard                                                            |
| EWC                         | European waste catalogue                                                     |
| IARC                        | International Agency for Research on Cancer                                  |
| IATA                        | International Air Transport Association                                      |
| IMDG                        | International Maritime Dangerous Goods                                       |
| LC50                        | Median lethal concentration                                                  |
| LD50                        | Median lethal dose                                                           |
| LOAEL                       | Lowest Observed Adverse Effect Level                                         |
| Log Kow                     | Partition coefficient n-octanol/water (Log Kow)                              |
| Log Pow                     | Partition coefficient n-octanol/water (Log Pow)                              |
| MAK                         | maximum workplace concentration                                              |
| NOAEC                       | No-Observed Adverse Effect Concentration                                     |
| NOAEL                       | No-Observed Adverse Effect Level                                             |
| NOEC                        | No-Observed Effect Concentration                                             |
| N.O.S.                      | Not Otherwise Specified                                                      |
| OECD                        | Organisation for Economic Co-operation and Development                       |
| OEL                         | Occupational Exposure Limit                                                  |
| OSHA                        | Occupational Safety Health Administration                                    |
| PBT                         | Persistent Bioaccumulative Toxic                                             |
| PNEC                        | Predicted No-Effect Concentration                                            |
| PPE                         | Personal protection equipment                                                |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS                         | Safety Data Sheet                                                            |
| STP                         | Sewage treatment plant                                                       |
| TF                          | Technical function                                                           |
| ThOD                        | Theoretical oxygen demand (ThOD)                                             |
| TLM                         | Median Tolerance Limit                                                       |
| TWA                         | Time Weighted Average                                                        |
| VOC                         | Volatile Organic Compounds                                                   |
| vPvB                        | Very Persistent and Very Bioaccumulative                                     |
| UFI                         | Unique Formula Identifier                                                    |

| Full text of H- and EUH-statements:    |                                                  |
|----------------------------------------|--------------------------------------------------|
| Acute Tox. 2 (Dermal)                  | Acute toxicity (dermal), Category 2              |
| Acute Tox. 2<br>(Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 2 |
| Acute Tox. 3<br>(Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 3 |

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| Full text of H- and EUH-statements: |                                                                    |
|-------------------------------------|--------------------------------------------------------------------|
| Acute Tox. 3 (Oral)                 | Acute toxicity (oral), Category 3                                  |
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4                                  |
| Aquatic Acute 1                     | Hazardous to the aquatic environment – Acute Hazard, Category 1    |
| Aquatic Chronic 1                   | Hazardous to the aquatic environment – Chronic Hazard, Category 1  |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1                      |
| Ox. Sol. 2                          | Oxidising Solids, Category 2                                       |
| Skin Corr. 1B                       | Skin corrosion/irritation, Category 1, Sub-Category 1B             |
| STOT RE 2                           | Specific target organ toxicity – Repeated exposure, Category 2     |
| H272                                | May intensify fire; oxidiser.                                      |
| H301                                | Toxic if swallowed.                                                |
| H302                                | Harmful if swallowed.                                              |
| H310                                | Fatal in contact with skin.                                        |
| H314                                | Causes severe skin burns and eye damage.                           |
| H318                                | Causes serious eye damage.                                         |
| H330                                | Fatal if inhaled.                                                  |
| H331                                | Toxic if inhaled.                                                  |
| H373                                | May cause damage to organs through prolonged or repeated exposure. |
| H400                                | Very toxic to aquatic life.                                        |
| H410                                | Very toxic to aquatic life with long lasting effects.              |
| H412                                | Harmful to aquatic life with long lasting effects.                 |

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

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.