



# Soleris® 2, Staphylococcus aureus Supplement

## Safety Data Sheet

According REACH Regulation 1907/2006 as retained in UK law by UK REACH SI 2019 No. 758 as amended  
Issue date: 22/07/2025 Revision date: 05/08/2026 Supersedes: 26/08/2025 Version: 3.0

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

#### 1.1. Product identifier

|                 |                                                |
|-----------------|------------------------------------------------|
| Product form    | : Mixture                                      |
| Trade name      | : Soleris® 2, Staphylococcus aureus Supplement |
| Product code    | : S2-SAS                                       |
| Type of product | : Food Safety -- [Food Safety]                 |
| Part Number(s)  | : S2-SAS 700003792                             |

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

##### 1.2.1. Relevant identified uses

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

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data 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/>

#### 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 GB CLP (SI 2019:720 as amended)

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 GB CLP (SI 2019:720 as amended)

No labelling applicable

#### 2.3. Other hazards

##### Results of PBT and vPvB assessment

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

##### Results of Endocrine Disruptor assessment

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of UK 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 GB BPR and GB PPP at a concentration equal to or greater than 0,1 %

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### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

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

### 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.

### 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. |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------|

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

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

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### 6.1.2. 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.                                         |
| Storage temperature | : 2 – 8 °C                                                                  |
| Packaging materials | : Always store 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

#### 8.1.1 National occupational exposure and biological limit values

No additional information available

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

**Appropriate engineering controls:**

Ensure good ventilation of the work station.

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### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Wear recommended personal protective equipment.

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



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Safety glasses

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Wear suitable protective clothing

##### Hand protection:

Protective gloves

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. 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            |
| Appearance                                      | : Liquid.           |
| Colour                                          | : Clear. Yellow.    |
| Odour                                           | : Odourless.        |
| Odour threshold                                 | : Not available     |
| pH                                              | : 10 – 11           |
| Melting point                                   | : Not applicable    |
| Freezing point                                  | : Not available     |
| Boiling point                                   | : Not available     |
| Flash point                                     | : Not available     |
| Flammability                                    | : Not available     |
| Explosive limits                                | : Not available     |
| Vapour pressure                                 | : Not available     |
| Vapour pressure at 50°C                         | : Not available     |
| Relative vapour density at 20°C                 | : Not available     |
| Relative density                                | : Not available     |
| Density                                         | : Not available     |
| Solubility                                      | : Soluble in water. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available     |
| Auto-ignition temperature                       | : Not available     |
| Decomposition temperature                       | : Not available     |
| Viscosity, kinematic                            | : Not available     |
| Explosive properties                            | : Not available     |

### 9.2. Other information

|                          |                  |
|--------------------------|------------------|
| Particle characteristics | : Not applicable |
|--------------------------|------------------|

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### 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 toxicological effects

|                                   |                                                                                                    |
|-----------------------------------|----------------------------------------------------------------------------------------------------|
| 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 – 11 |
| Serious eye damage/irritation     | : Not classified (Based on available data, the classification criteria are not met)<br>pH: 10 – 11 |
| 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)                |

#### Other information

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)                                     |

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### 12.2. Persistence and degradability

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|                               |                        |
|-------------------------------|------------------------|
| 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. Other adverse effects

Ozone : Not classified (Based on available data, the classification criteria are not met)

## 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.                                                                                                                                                                                                       |
| Ecological waste information               | : The waste of the product should be considered as hazardous as the product itself, with the likelihood of impacting the environment in the same way. Consider the handling and disposal of the waste as defined by the product itself. |

## SECTION 14: Transport information

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

| ADR                                     | IMDG          | IATA          | ADN            | RID            |
|-----------------------------------------|---------------|---------------|----------------|----------------|
| <b>14.1. UN 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>Transport document description</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 |
| <b>14.5. Environmental hazards</b>      |               |               |                |                |
| Not applicable                          | Not regulated | Not regulated | Not applicable | Not applicable |
| No supplementary information available  |               |               |                |                |

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### 14.6. 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

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. National regulations

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

This product contains no substance(s) listed on UK REACH Annex XVII (Restriction List) equal to or above the level of SDS disclosure

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

This product contains no substance(s) listed on UK REACH Annex XIV (Authorisation List) equal to or above the 0.1% level of disclosure

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

This product contains no substance(s) listed on the UK REACH Candidate List (SVHC).

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

This product contains no substance(s) listed on the GB PIC List equal to or above the level of SDS disclosure

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

This product contains no substance(s) listed on the GB POP List equal to or above the level of SDS disclosure

##### Ozone Regulation (S.I. No. 168 of 2015)

This product contains no substance(s) listed on the GB Ozone Depletion List equal to or above the level of SDS disclosure

##### Control of Poisons and Explosives Precursors Act

This product contains no substance(s) listed on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure

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

This product contains no substance(s) listed on the GB Drug Precursors List equal to or above the level of SDS disclosure

#### 15.1.2. Other Information

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Abbreviations and acronyms:

|     |                                                                                                 |
|-----|-------------------------------------------------------------------------------------------------|
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
|-----|-------------------------------------------------------------------------------------------------|

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| Abbreviations and acronyms: |                                                                                     |
|-----------------------------|-------------------------------------------------------------------------------------|
| 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)                                                     |
| BS EN                       | British Standard                                                                    |
| CAS-No.                     | Chemical Abstracts Service number                                                   |
| COD                         | Chemical oxygen demand (COD)                                                        |
| DMEL                        | Derived Minimal Effect level                                                        |
| DNEL                        | Derived-No Effect Level                                                             |
| EC-No.                      | European Community number                                                           |
| EC50                        | Median effective concentration                                                      |
| ED                          | Endocrine disruptor                                                                 |
| 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                                                |
| 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                                                         |
| PBT                         | Persistent Bioaccumulative Toxic                                                    |
| PNEC                        | Predicted No-Effect Concentration                                                   |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail        |
| SDS                         | Safety Data Sheet                                                                   |
| STP                         | Sewage treatment plant                                                              |
| ThOD                        | Theoretical oxygen demand (ThOD)                                                    |
| TLM                         | Median Tolerance Limit                                                              |
| VOC                         | Volatile Organic Compounds                                                          |
| vPvB                        | Very Persistent and Very Bioaccumulative                                            |

Safety Data Sheet (SDS), UK

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.