

# SAFETY DATA SHEET

according to 29 CFR 1910.1200 and GHS

Page 1/8

## Soleris® 2 Vial, Enterobacteriaceae

Revision 3  
Revision date 2024-04-29

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

#### 1.1. Product identifier

Product name	Soleris® 2 Vial, Enterobacteriaceae
Product code	S2-EBAC9, 700003782

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

Product Use	[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC21] Laboratory chemicals;
Description	Intended for use in routine analytics, including quality control and monitoring.

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

Company	Neogen Corporation
Address	620 Leshler Place Lansing MI 48912 USA
Web	www.neogen.com
Telephone	517-372-9200/800-234-5333
Email	SDS@neogen.com

#### 1.4. Emergency telephone 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

2.1.2. Classification - GHS	Based on available data, this product is not classified as hazardous.
-----------------------------	---

#### 2.2. Label elements

Hazard Statements	No Significant Hazard
-------------------	-----------------------

#### 2.3. Other hazards

Other hazards	Contains material(s) which may be harmful if swallowed.
---------------	---

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

## Soleris® 2 Vial, Enterobacteriaceae

Revision 3  
Revision date 2024-04-29

## 3.2. Mixtures

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH No.	Conc. (%w/w)	Classification
Sodium dodecyl sulfate		151-21-3	205-788-1		0 - <0.1%	Flam. Sol. 2: H228; Acute Tox. 4: H302+H332; Skin Irrit. 2: H315; Eye Dam. 1: H318; STOT SE 3: H335; Aquatic Acute 2: H401; Aquatic Chronic 3: H412;

## Description

	Mixture does not include substances classified as hazardous at or above disclosure thresholds defined by GHS Classification system and/ or prevailing local chemical classifications. Non-hazardous composition is withheld as confidential business information. Concentrations listed are not product specifications.
--	---

## Particle Characteristics

	Not applicable.
--	-----------------

## Further information

	Full text of Hazard Statements listed in this Section is provided in Section 16.
--	--

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. If breathing is difficult give oxygen. If breathing stops, provide artificial respiration. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse immediately with plenty of water. Contact lenses should be removed. Seek medical attention if irritation or symptoms persist.
Skin contact	Remove contaminated clothing. Wash with soap and water. Seek medical attention if irritation or symptoms persist.
Ingestion	Do not induce vomiting unless told to do so by the poison control center or doctor. Rinse mouth thoroughly. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

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

Inhalation	May cause irritation to respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	Ingestion may cause nausea and vomiting.

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

	Remove the affected person from the source of contamination immediately. Transfer to hospital if there are burns or symptoms of poisoning. Seek medical attention if irritation or symptoms persist. If medical advice is needed, have product container or label at hand.
--	--

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
--	---

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

	Product does not support combustion. Do not allow undiluted product to be released to ground water, water course or sewage system.
--	--

## 5.3. Advice for firefighters

	Do not breathe vapor or spray mist. Wear self-contained breathing apparatus and
--	---

## Soleris® 2 Vial, Enterobacteriaceae

Revision 3  
Revision date 2024-04-29

## 5.3. Advice for firefighters

chemical-protective clothing.

**SECTION 6: Accidental release measures**

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

Use as appropriate: Protective equipment, Protective clothing. Ensure adequate ventilation of the working area. Avoid prolonged or repeated exposure.

## 6.2. Environmental precautions

Prevent further spillage if safe. Clean spillage area thoroughly with plenty of water. Do not flush into surface water. Do not let product contaminate subsoil.

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

Absorb spillage to prevent material damage. Clean spillage area thoroughly with plenty of water. Do not contaminate water by cleaning of equipment or disposal of wastes.

## 6.4. Reference to other sections

See Section(s) 2, 8, and 13 for further information.

**SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes. Do not eat, drink or smoke in areas where this product is used or stored. Ensure adequate ventilation of the working area. Do not contaminate water by cleaning of equipment or disposal of wastes. Use as appropriate: Protective clothing.  
Read the entire label and follow all use directions, restrictions, and precautions.

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

Store at temperatures between 2 °C and 30 °C. Follow label instructions.  
Store in correctly labelled containers. Keep container tightly closed. Do not contaminate water, food, or feed by storage or disposal.

## 7.3. Specific end use(s)

See Section(s) 1.2 for further information.

## Further information

Refer to product label and/or package insert for additional information. Follow label instructions.

**SECTION 8: Exposure controls/personal protection**

## 8.1. Control parameters

No occupational exposure limits known.

## 8.2. Exposure controls



Appropriate engineering controls

Ensure adequate ventilation of the working area.

Individual protection measures

Use as appropriate: Protective equipment.

Eye / face protection

Use as appropriate: Suitable eye protection.

Skin protection - Hand protection

Use as appropriate: Chemical-resistant gloves made of any waterproof material. Wash the outside of gloves before removing them.

## Soleris® 2 Vial, Enterobacteriaceae

Revision 3  
Revision date 2024-04-29

## 8.2. Exposure controls

<b>Skin protection - Other</b>	Use as appropriate: Protective clothing. Wash contaminated clothing, separately from other laundry, with detergent and water before reuse.
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Occupational exposure controls</b>	Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Protect clothing from contact with the product. Provide chemical shower. Provide eye wash station.

## Further information

	Remove and wash contaminated clothing before reuse.
--	---

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

<b>State</b>	Liquid/(Contained within device)
<b>Color</b>	Yellow/Magenta
<b>Odor</b>	Odorless/Slight
<b>Odor threshold</b>	No data available
<b>pH</b>	7 - 7.4
<b>Melting point</b>	No data available
<b>Freezing Point</b>	No data available
<b>Initial boiling point</b>	No data available
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	No data available
<b>Flammability limits</b>	Not applicable.
<b>Vapor pressure</b>	No data available
<b>Relative Vapour Density</b>	No data available
<b>Density / Relative Density</b>	No data available
<b>Fat Solubility</b>	No data available
<b>Partition coefficient (P)</b>	No data available
<b>Autoignition temperature</b>	Not applicable.
<b>Viscosity</b>	No data available
<b>Explosive properties</b>	Not applicable.
<b>Oxidizing properties</b>	No data available
<b>Solubility</b>	Soluble in water

## 9.2. Other information

<b>Conductivity</b>	No data available
<b>Surface tension</b>	No data available
<b>Gas group</b>	No data available
<b>Benzene Content</b>	No data available
<b>Lead content</b>	No data available
<b>VOC (Volatile organic compounds)</b>	No data available

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	Stable under normal conditions.
--	---------------------------------

## 10.2. Chemical stability

	Stable under normal conditions.
--	---------------------------------

## 10.3. Possibility of hazardous reactions

--	--

## Soleris® 2 Vial, Enterobacteriaceae

Revision 3  
Revision date 2024-04-29

## 10.3. Possibility of hazardous reactions

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

## 10.4. Conditions to avoid

Keep away from extreme temperatures.

## 10.5. Incompatible materials

No data available.

## 10.6. Hazardous decomposition products

Carbon oxides.

## SECTION 11: Toxicological information

## 11.1 Information on hazard classes

Acute toxicity	Based on available data, the classification criteria are not met. However, this product does contain substance(s) that are classified as hazardous. For more information, see Section 3.
Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	May cause irritation to eyes.
Respiratory or skin sensitization	May cause allergic reactions in susceptible people.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No components at >0.01% are listed in the American Conference of Governmental Industrial Hygienists (ACGIH) Guide to Occupational Exposure Values. No components at >0.01% are listed in the International Agency for Research on Cancer (IARC) Monographs. No components at >0.01% are listed in the National Toxicology Program (NTP) Report on Carcinogens. Not listed in the OSHA standard 1910.1003 Carcinogens.
Reproductive toxicity	No teratogenic effects reported.
STOT-single exposure	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
STOT-repeated exposure	No Significant Hazard.
Aspiration hazard	No Significant Hazard.
Repeated or prolonged exposure	Avoid prolonged or repeated exposure. Delayed appearance of the complaints and development of hypersensitivity (difficult breathing, coughing, asthma) are possible.

## 11.1.2. Mixtures

See Section(s) 3 for further information.

## 11.1.3. Hazard Information

See Section(s) 2 and 3 for further information.

## 11.1.4. Toxicological information

No data available

## 11.1.5. Hazard Class

See Section(s) 2 and 14 for further information.

## 11.1.6. Classification Criteria

Based on the Globally Harmonized System (GHS) considerations for the classification of mixtures. See Section 15 for regulatory citations.

## 11.1.7. Information on likely routes of exposure

Eye contact. Skin contact. Ingestion. Inhalation.

## Soleris® 2 Vial, Enterobacteriaceae

Revision 3  
Revision date 2024-04-29**11.1.8. Symptoms related to the physical, chemical and toxicological characteristics**

See Section(s) 4.2 for further information.

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

See Section(s) 4.2 for further information.

**11.1.10. Interactive effects**

No data available.

**11.1.11. Absence of specific data**

&lt;1% of this mixture consists of ingredients of unknown acute toxicity.

**11.1.12. Mixture versus substance information**

See Section(s) 3 for further information.

**11.1.13. Other information**

No data available.

**11.2 Information on other hazards**

No data available.

**SECTION 12: Ecological information****12.1. Toxicity**

No data available

**12.2. Persistence and degradability**

No data is available on this product.

**12.3. Bioaccumulative potential**

No data is available on this product.

**12.4. Mobility in soil**

No data is available on this product.

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

No data is available on this product.

**12.6 Endocrine disrupting properties**

No data is available on this product.

**12.7 Other adverse effects**

Specific test data for the mixture is not available.

**Further information**

Keep out of lakes, ponds, or streams. Do not let product contaminate subsoil.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Dispose of in compliance with all local and national regulations. Follow label instructions.

**Disposal methods**

Do not contaminate water by cleaning of equipment or disposal of wastes. Do not flush into surface water. Dispose of in compliance with all local and national regulations.

**Disposal of packaging**Nonrefillable container. Do not reuse or refill this container.  
If empty: Do not reuse this container. Place in trash or offer for recycling, if available.

## Soleris® 2 Vial, Enterobacteriaceae

Revision 3  
Revision date 2024-04-29

## Disposal of packaging

If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

## SECTION 14: Transport information

## 14.1. UN number

The product is not classified as dangerous for carriage.

## 14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

## 14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

## 14.4. Packing group

The product is not classified as dangerous for carriage.

## 14.5. Environmental hazards

The product is not classified as dangerous for carriage.

## 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

## 14.7 Maritime Transport in bulk according to IMO instruments

The product is not classified as dangerous for carriage.

## SECTION 15: Regulatory information

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

## Regulations

Hazard Communication Standard: 29 Code of Federal Regulations 1910.1200: Occupational Safety and Health Standards: Z: Toxic and Hazardous Substances: Hazard Communication.

## Chemical Inventories/Right-to-Know Lists:

Contact SDS@neogen.com for additional information. Please specify country or region with your request.

California Prop 65: This product does not contain reportable substances at >0.0001% concentration.

## SECTION 16: Other information

## Other information

## Revision

This document differs from the previous version in the following areas:

- 1 - Description.
- 3 - Description.
- 7 - 7.2. Conditions for safe storage, including any incompatibilities.
- 9 - 9.1. Information on basic physical and chemical properties (Color).
- 9 - 9.1. Information on basic physical and chemical properties (Odor).
- 9 - 9.1. Information on basic physical and chemical properties (Flash point).
- 9 - 9.1. Information on basic physical and chemical properties (Autoignition temperature).
- 9 - 9.1. Information on basic physical and chemical properties (Explosive properties).
- 9 - 9.1. Information on basic physical and chemical properties (Fat Solubility).
- 9 - 9.1. Information on basic physical and chemical properties (Solubility).
- 9 - 9.2. Other information (Gas group).
- 11 - Acute toxicity.
- 12 - 12.1. Toxicity.

## Acronyms

ADR/RID: European Agreements Concerning the International Carriage of Dangerous Goods by Rail (RID) and by Road (ADR).  
CAS No.: Chemical Abstracts Service.

## Soleris® 2 Vial, Enterobacteriaceae

Revision 3  
Revision date 2024-04-29

## Other information

	<p>CLASS: Classification, Labeling, and Safety Data Sheet of Hazardous Chemicals Regulation 2013 (Malaysia).</p> <p>FIFRA: U.S. Federal Insecticide, Fungicide, and Rodenticide Act.</p> <p>GHS: Globally Harmonized System.</p> <p>HCS 2012: Hazard Communication Standard (2012 revision).</p> <p>IATA: International Air Transport Association.</p> <p>ICAO: International Civil Aviation Organization.</p> <p>IMDG: International Maritime Dangerous Goods.</p> <p>LD: Lethal dose.</p> <p>OEL: Occupational exposure limit.</p> <p>OSHA: U.S. Occupational Safety and Health Administration.</p> <p>PEL: Permissible Exposure Limit.</p> <p>REACH: Registration, Evaluation, Authorization, and Restriction of Chemicals.</p> <p>STOT: Specific Target Organ Toxicity.</p> <p>SVHC: Substance of very high concern.</p> <p>US DOT: United States Department of Transportation.</p> <p>VOC: Volatile Organic Compound.</p> <p>WEL: Workplace Exposure Limit.</p>
Text of Hazard Statements in Section 3	<p>Flam. Sol. 2: H228 - Flammable solid.</p> <p>Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled</p> <p>Skin Irrit. 2: H315 - Causes skin irritation.</p> <p>Eye Dam. 1: H318 - Causes serious eye damage.</p> <p>STOT SE 3: H335 - May cause respiratory irritation.</p> <p>Aquatic Acute 2: H401 - Toxic to aquatic life.</p> <p>Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.</p>

## Further information

	<p>DISCLAIMER: The information and recommendations set forth herein ("Information") are presented in good faith and believed to be correct as of the date issued. No representation is made regarding the completeness or accuracy of the Information. Further, because of the many factors that affect the use of this product, the Information is supplied upon the condition that the person(s) receiving it will make their own determination regarding its suitability for their own unique purpose(s), prior to use.</p> <p>Except as expressly stated herein, NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, USAGE OF TRADE, OR RESULTS TO BE OBTAINED BY USE OF THIS PRODUCT are made with respect to this product or use of this product. The product covered is furnished "as is" and only subject to the warranties herein provided, no liability is assumed resulting from the use of this product.</p>
--	--