



Soleris® Positive Control – Total Count

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)
Issue date: 10-10-2025 Version: 1.0

SECTION 1 Identification

1.1. GHS Product identifier

Product form : Mixture
Trade name : Soleris® Positive Control – Total Count
Type of product : Food Safety -- [Food Safety]
Product code : S2-PCON-TC

1.2. Other means of identification

Part Number(s) : 700006473|S2-PCON-TC

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Laboratory chemicals

1.4. Supplier's details

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

1.5. Emergency phone 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 Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Not classified

2.2. GHS label elements, including precautionary statements

GHS CA labeling

No labeling applicable

2.3. Other hazards which do not result in classification

No additional information available

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 schedule 1, item 3 of the Hazardous Products Regulations.

Soleris® Positive Control – Total Count

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

| | |
|---|---|
| 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/doctor/physician if you feel unwell. |
| First-aid measures general | : If you feel unwell, seek medical advice. |
| Personal protection for first-aid responders. | : First aid workers will be equipped with suitable personal protective equipment. |

4.2. Most important symptoms/effects, acute and delayed

| | |
|-------------------------------------|---|
| Symptoms/effects after inhalation | : None under normal conditions. Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure. |
| Symptoms/effects after skin contact | : None under normal conditions. Dust may cause irritation in skin folds or by contact in combination with tight clothing. |
| Symptoms/effects after eye contact | : None under normal conditions. Dust from this product may cause eye irritation. |
| Symptoms/effects after ingestion | : None under normal conditions. |

4.3. Indication of immediate medical attention and special treatment needed, if necessary

| | |
|-----------------------------------|--------------------------|
| Other medical advice or treatment | : Treat symptomatically. |
|-----------------------------------|--------------------------|

SECTION 5 Fire-fighting measures

5.1. Suitable extinguishing media

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

5.2. Specific hazards arising from the chemical

| | |
|--|--------------------------------|
| 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. Special protective actions for fire-fighters

| | |
|--------------------------------|---|
| 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 | : Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage. |
| Environmental precautions | : Avoid release to the environment. |

6.2. Methods and materials for containment and cleaning up

| | |
|-------------------------|---|
| For containment | : Using a clean shovel, put the material in a dry container and cover without compressing it. |
| Methods for cleaning up | : Mechanically recover the product. |
| Other information | : Dispose of materials or solid residues at an authorized site. |

For further information refer to section 13.

Soleris® Positive Control – Total Count

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

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.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state : Solid

Soleris® Positive Control – Total Count

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

| | |
|---|---------------------|
| Appearance | : Pellet. |
| Color | : Various colors |
| Odor | : Characteristic |
| Odor threshold | : No data available |
| pH | : No data available |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Relative evaporation rate (ether=1) | : No data available |
| Melting point | : No data available |
| Freezing point | : Not applicable |
| Boiling point | : No data available |
| Flash point | : Not applicable |
| Auto-ignition temperature | : Not applicable |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Non flammable. |
| Vapor pressure | : No data available |
| Relative vapor density at 20°C | : No data available |
| Relative density | : No data available |
| Solubility | : Soluble in water. |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Viscosity, kinematic | : Not applicable |
| Explosion limits | : Not applicable |
| Particle characteristics | : No data available |

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

| | |
|------------------------------------|--|
| Reactivity | : The product is non-reactive under normal conditions of use, storage and transport. |
| Chemical stability | : Stable under normal conditions. |
| Possibility of hazardous reactions | : No dangerous reactions known under normal conditions of use. |
| Conditions to avoid | : None under recommended storage and handling conditions (see section 7). |
| Incompatible materials | : No additional information available |
| Hazardous decomposition products | : Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| Hardening time: | : No additional information available |

SECTION 11 Toxicological information

11.1. Likely routes of exposure

| | |
|-----------------------------|------------------|
| Acute toxicity (oral) | : Not classified |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

Soleris® Positive Control – Total Count

| | |
|---------------------------------|--|
| Unknown acute toxicity (GHS CA) | 90.75% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 90.75% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 90.75% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist)) |
|---------------------------------|--|

| | |
|-----------------------------------|------------------|
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/irritation | : Not classified |
| Respiratory or skin sensitization | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |

Soleris® Positive Control – Total Count

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

| | |
|------------------------|------------------|
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |

| Soleris® Positive Control – Total Count | |
|---|---|
| Viscosity, kinematic | Not applicable |
| Symptoms/effects after inhalation | : None under normal conditions. Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure. |
| Symptoms/effects after skin contact | : None under normal conditions. Dust may cause irritation in skin folds or by contact in combination with tight clothing. |
| Symptoms/effects after eye contact | : None under normal conditions. Dust from this product may cause eye irritation. |
| Symptoms/effects after ingestion | : None under normal conditions. |

SECTION 12 Ecological information

12.1. Toxicity

| | |
|---|--|
| Ecology - general | : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short-term (acute) | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified |

12.2. Persistence and degradability

| Soleris® Positive Control – Total Count | |
|---|------------------------|
| 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. Other adverse effects

| | |
|------------------------------|------------------|
| Ozone | : Not classified |
| Fluorinated greenhouse gases | : No |

SECTION 13 Disposal considerations

| | |
|--|---|
| 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 | : Comply with applicable regulations for solid waste disposal. Disposal must be done according to official regulations. |
| Additional information | : Do not re-use empty containers. |


SECTION 14 Transport information

In accordance with TDG / DOT / IMDG / IATA

Soleris® Positive Control – Total Count

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

| TDG | DOT | IMDG | IATA |
|---|--|-------------|---|
| 14.1. UN Number | | | |
| UN3373 | UN3373 | Not subject | 3373 |
| 14.2. UN Proper Shipping Name | | | |
| BIOLOGICAL SUBSTANCE, CATEGORY B | Biological substance, Category B | Not subject | Biological substance, Category B |
| Transport document description | | | |
| UN3373 BIOLOGICAL SUBSTANCE, CATEGORY B, 6.2 | UN3373 Biological substance, Category B, 6.2 | Not subject | UN 3373 Biological substance, Category B, 6.2 |
| 14.3. Transport hazard class(es) | | | |
| 6.2 | 6.2 | Not subject | 6.2 |
|  | Not applicable | Not subject | Not applicable |
| 14.4. Packing group, if applicable | | | |
| Not applicable | Not applicable | Not subject | Not applicable |
| 14.5. Environmental hazards | | | |
| Dangerous for the environment: No | Dangerous for the environment: No | Not subject | Dangerous for the environment: No |
| No supplementary information available | | | |

14.6. Special precautions for user

TDG

- UN-No. (TDG) : UN3373
- TDG Special Provisions : 38 - A person must not offer for transport, handle or transport these dangerous goods in a large means of containment if they are in direct contact with the large means of containment, 164 - (1) Other dangerous goods must not be packed in the same small means of containment as dangerous goods that are Class 6.2, Infectious Substances unless
- (a) the other dangerous goods are necessary for maintaining the viability or stability of the dangerous goods that are Class 6.2, Infectious Substances, for preventing their degradation or for neutralizing the hazards that they represent;
 - (b) the other dangerous goods are included in Class 3, 8 or 9;
 - (c) the quantity of the other dangerous goods packed in each primary receptacle does not exceed 30 mL; and
 - (d) the other dangerous goods are packed in accordance with the applicable packing instruction set out in CGSB-43.125.
- (2) Part 3 (Documentation), Part 4 (Dangerous Goods Safety Marks) and Part 5 (Means of Containment) do not apply to the offering for transport, handling or transporting of the other dangerous goods if the requirements in subsection (1) are met, 165 - Despite section 4.2 of Part 4 (Dangerous Goods Safety Marks) or section 6.1 of the Act, the marking for a Type P650 packaging that is set out in CGSB-43.125 may be displayed on an empty packaging.
- Explosive Limit and Limited Quantity Index : 0
- Excepted quantities (TDG) : E0
- Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index : 4 kg, 4L
- Emergency Response Guide (ERG) Number : 158

DOT

- UN-No. (DOT) : UN3373

Soleris® Positive Control – Total Count

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

| | |
|--|--|
| DOT Special Provisions (49 CFR 172.102) | : A82 - The quantity limits in columns (9A) and (9B) do not apply to human or animal body parts, whole organs or whole bodies known to contain or suspected of containing an infectious substance. |
| DOT Packaging Exceptions (49 CFR 173.xxx) | : 134 |
| DOT Packaging Non Bulk (49 CFR 173.xxx) | : 199 |
| DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) | : 4 L or 4 kg |
| DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) | : 4 L or 4 kg |
| DOT Vessel Stowage Location | : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel. |
| DOT Vessel Stowage Other | : 40 - Stow "clear of living quarters" |

IMDG

Not subject

IATA

| | |
|--|-------------|
| PCA Excepted quantities (IATA) | : E0 |
| PCA Limited quantities (IATA) | : Forbidden |
| PCA limited quantity max net quantity (IATA) | : Forbidden |
| PCA packing instructions (IATA) | : See 650 |
| PCA max net quantity (IATA) | : See 650 |
| CAO packing instructions (IATA) | : See 650 |
| CAO max net quantity (IATA) | : See 650 |
| ERG code (IATA) | : 11L |

14.7. Transport in bulk according to Annex II of MARPOL 73/78⁹ and the IBC Code¹⁰

Not applicable

SECTION 15 Regulatory information

No additional information available

SECTION 16 Other Information

Issue date : 10-10-2025

Safety Data Sheet (SDS), Canada

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.