

SAFETY DATA SHEET

according to 29 CFR 1910.1200 and GHS

Page 1/7

Soleris® Supplement, Ethanol Yeast and Mold Reagent

Revision 0
Revision date 2018-11-28

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

1.1. Product identifier

Product name	Soleris® Supplement, Ethanol Yeast and Mold Reagent
CAS No.	64-17-5
EC No.	200-578-6
Index No.	603-002-00-5
Product code	ETOH-25

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 laboratory use only.

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	regulatorysupport@neogen.com

1.4. Emergency telephone number

Emergency telephone number	1-800-234-5333
----------------------------	----------------

Further information


Hotline(s):	Medical: United States (1-800-498-5743), International (1-651-523-0318). Spill/CHEMTREC: United States (1-800-424-9300), International (1-703-527-3887).
-------------	---

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - GHS	Flam. Liq. 3: H226;
-----------------------------	---------------------

2.2. Label elements

Hazard pictograms	
Signal Word	Warning

Soleris® Supplement, Ethanol Yeast and Mold Reagent

Revision 0
Revision date 2018-11-28

2.2. Label elements

Hazard Statement	Flam. Liq. 3: H226 - Flammable liquid and vapour.
Precautionary Statement: Prevention	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed. P240 - Ground/bond container and receiving equipment. P241 - Use explosion-proof electrical/ventilating/lighting// equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P370+P378 - In case of fire: Use media appropriate to the surrounding conditions to extinguish.
Precautionary Statement: Storage	P403+P235 - Store in a well-ventilated place. Keep cool.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to an approved waste disposal facility in accordance with local and national regulations.

SECTION 3: Composition/information on ingredients

3.1. Substances

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Ethanol	603-002-00-5	64-17-5	200-578-6		90 - 100%	Flam. Liq. 2: H225;

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.
Eye contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist.

General information

	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
--	---

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Carbon oxides. Alcohol resistant foam. Use extinguishing media appropriate to the surrounding fire conditions.
--	--

5.2. Special hazards arising from the substance or mixture

	Vapor may travel considerable distance to source of ignition and flash back.
--	--

5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
--	---

Soleris® Supplement, Ethanol Yeast and Mold Reagent

Revision 0
Revision date 2018-11-28

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Eliminate all sources of ignition. Wear suitable protective equipment.

6.2. Environmental precautions

Do not flush into surface water. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition - No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.


SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limit Values

Soleris® Supplement, Ethanol Yeast and Mold Reagent (Ethanol)	ACGIH TLV TWA: 1000 ppm	ACGIH TLV STEL: -
	Notations: A4	OSHA PEL 8hr TWA ppm: 1000
	OSHA PEL 8hr TWA mg m3: 1900	Skin Designation: -
	NIOSH REL 10hr TWA ppm:	NIOSH REL 10hr TWA mg m3:
	NIOSH REL 15 min ST ppm:	NIOSH REL 15 min ST mg m3:

8.2. Exposure controls

	
Appropriate engineering controls	Ensure adequate ventilation of the working area.
Individual protection measures	Wear chemical protective clothing.
Eye / face protection	Use as appropriate: Approved safety goggles.
Skin protection - Hand protection	Chemical resistant gloves (PVC).
Respiratory protection	Wear suitable respiratory equipment when necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Soleris® Supplement, Ethanol Yeast and Mold Reagent

Revision 0
Revision date 2018-11-28

9.1. Information on basic physical and chemical properties

State	Liquid
Color	Clear/Colorless
Odor	Alcoholic
Oxidising properties	No data available
Odour threshold	10 ppm
pH	No data available
Melting point	-114.1 °C
Freezing Point	No data available
Boiling point	78.29 °C
Flash point	55 °C
Evaporation rate	No data available
Flammability limits	Not applicable.
Vapor pressure	5.8 Pa
Vapor density	1.59 g/cm ³
Relative density	0.79 (H ₂ O = 1 @ 20 °C)
Partition coefficient (n-octanol/water)	0.31 log P oct/wat
Autoignition temperature	400 °C
Viscosity	1.078 mPas (Cone & Plate)
Explosive properties	No data available
Solubility	Miscible in water

9.2. Other information

Surface tension	21.97 N/m
Chemical formula	C ₂ H ₆ O

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

	Oxidizing agents.
--	-------------------

10.4. Conditions to avoid

	Heat, sparks and open flames.
--	-------------------------------

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Serious eye damage/irritation	May cause eye irritation.
Carcinogenicity	Listed by the International Agency for Research on Cancer (IARC) as a Group 1 substance: known human carcinogen. Not listed in the National Toxicology Program (NTP) 13th Report on Carcinogens. Not listed in the OSHA standard 1910.1003 Carcinogens.
STOT-single exposure	May cause drowsiness or dizziness.

11.1.4. Toxicological information

Soleris® Supplement, Ethanol Yeast and Mold Reagent

Revision 0
Revision date 2018-11-28

11.1.4. Toxicological information

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.3. Bioaccumulative potential

Partition coefficient

Ethanol -0.349 log P

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

UN1170

14.2. UN proper shipping name

ETHANOL

14.3. Transport hazard class(es)

DOT	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

14.4. Packing group

Packing group II

14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

DOT

Hazard ID	33
Tunnel Category	(D/E)

IMDG

Soleris® Supplement, Ethanol Yeast and Mold Reagent

Revision 0
Revision date 2018-11-28

IMDG

EmS Code F-E S-D

IATA

Packing Instruction (Cargo)	364
Maximum quantity	60 L
Packing Instruction (Passenger)	353
Maximum quantity	5 L

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.
	All chemicals in this product are TSCA listed or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory. TSCA - United States Toxic Substances Control Act Section 8(b) Inventory.
	US State Regulations: New Jersey Right-to-Know Hazardous Substance List: This material contains no reportable components.
	Pennsylvania Right-to-Know Hazardous Substance List: This material contains no reportable components.
	Rhode Island Right-to-Know Hazardous Substance List: This material contains no reportable components.

Inventories

Ingredient	TSCA	MA	SARA313	CALPROP65	CWA307	CAA112	CWA311	SARA302	SARA304
Ethanol	Y	Y	N	N	N	N	N	N	N

SECTION 16: Other information

Other information

Text of Hazard Statements in Section 3	Flam. Liq. 2: H225 - Highly flammable liquid and vapour.
--	--

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</p>
--	--

Soleris® Supplement, Ethanol Yeast and Mold Reagent

Revision 0
Revision date 2018-11-28

Further information

	resulting from the use of this product.
--	---
