

Southern Lithoplate, Inc.

Safety Data Sheet

Alcohol Antiseptic

Section 1 - Chemical Product and Company Identification

1.1 Product identifier: Alcohol Antiseptic 80%

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

Hand Sanitizer to help reduce bacteria that potentially can cause disease. For use when soap and water are not available.

1.3 Details of the supplier of the safety data sheet:

Name: Southern Lithoplate, Inc.
Address: 105 Jeffrey Way
Youngsville, NC 27596

For information in North America, call:
919-556-9400

1.4 For emergencies in the US, call CHEMTREC:
800-424-9300

Section 2 - Hazards Identification

2.1 Classification of the Substance or Mixture

OSHA Hazards: Flammable liquid, target organ effect, Irritant

Target Organs: Nervous system, Liver, Heart

Signal Words: Danger

Pictograms:**GHS Classification:**

Flammable Liquid	Category 2
Skin Irritation	Category 2
Eye Irritation	Category 2B
Specific target organ toxicity-single exposure	Category 3

GHS Label Elements, including precautionary statements:**Hazard Statements:**

H225	Highly Flammable Liquid and Vapor
H315+H320	Causes Skin and Eye Irritation
H401	Toxic to Aquatic Life

Precautionary Statements:

P210	Keep away from heat/ignition sources/sparks/open flames/hot surfaces. 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.
P264	Wash skin thoroughly after use.

P273	Avoid release into the environment.
P280	Wear protective gloves/protective clothing/face, and eye protection.
P303, P351, P338	If in eyes: remove contact lenses if present, and easy to do, and rinse gently with water for 15 minutes.
P332, P313	If skin irritation occurs, seek medical advice/attention.
P337, P313	If eye irritation persists, seek medical attention.
P362	Remove contaminated clothing, and wash before reuse.
P370, P378	In case of fire, use dry sand, dry chemical, or alcohol resistant foam.
P403, P235	Store in a well ventilated place. Keep cool.
P501	Dispose of contents/container to an approved waste disposal plant.

Potential Health Effects

EYES	Causes eye irritation.
Inhalation	May be harmful if inhaled. Causes respiratory tract irritation.
Skin	May be harmful if absorbed through skin. Causes skin irritation.
Ingestion	May be harmful if swallowed.

NFPA Ratings

Health	2
Flammability	3
Reactivity	0
Specific Hazard	Not available

HMIS Ratings

Health	2
Fire	3
Reactivity	0
Personal	H

Section 3 - Composition, Information on Ingredients

3.1 Mixtures:

Chemical Name	CAS#	EC/List#	%
Ethyl alcohol	64-17-5	200-578-6	~80.00
Hydrogen Peroxide	7722-84-1	231-765-0	~0.15
Glycerol	56-81-5	200-289-5	~1.75
Water	7732-18-5		Remainder

See Section 16 for further information on EU and GHS Classification.

Section 4 - First Aid Measures

4.1 Description of First Aid Measures

Eyes: If contact occurs, immediately flush eyes with water for at least 15 minutes, holding the eyelids apart. Get medical attention if necessary.

Skin: Remove contaminated clothing, and immediately wash skin thoroughly with soap and water for at least 15 minutes. Get medical attention if irritation persists. Launder clothing before re-use.

Ingestion: Do not induce vomiting. If the victim is fully conscious, have them rinse their mouth with water. Get immediate medical assistance by calling a doctor or poison center. Never give anything by mouth to a person who is unconscious or drowsy.

Inhalation: If inhaled, immediately remove to fresh air. Get medical attention if necessary.

Notes to Physician: Treat symptomatically.

Section 5 - Fire Fighting Measures

5.1 Suitable (and Unsuitable) Extinguishing Media: Use foam, dry chemical, or carbon dioxide.

5.2 Specific Hazards Arising From the Chemical: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Vapors can travel to a source of ignition and flash back. Containers may explode in a fire.

5.3 Advice for Fire-Fighters: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

Section 6 - Accidental Release Measures

6.1 Personal Precautions, Protective Equipment, and Emergency

Procedures: Evacuate spill area and keep unprotected personnel away. Wear appropriate protective clothing and equipment as described in Section 8.

6.2 Environmental Precautions: It is recommended to keep away from drains, surface and ground-water.

6.3 Methods and Materials for Containment/Cleanup: Absorb with an inert/non-combustible material. Collect into a suitable container for disposal. Rinse area with water. Prevent entry in storm sewers and waterways. Report spill as required by local and national regulations.

6.4 Reference to Other Sections: Refer to Section 8 for protective equipment and Section 13 for disposal considerations.

Section 7 - Handling and Storage

7.1 Precautions for Safe Handling: Use with adequate ventilation and grounding. Prevent eye and skin contact. Avoid breathing mists or vapors. Use only with appropriate protective equipment. Launder contaminated clothing before re-use. Wash thoroughly after handling and before eating, drinking, smoking or using toilet facilities.

Empty containers retain product residue and may be hazardous. Do not cut, weld, drill, etc. containers, even empty. Do not reuse empty containers.

7.2 Conditions for Safe Storage, Including Any Incompatibilities: Store in a tightly closed container. Keep stored in a cool, dry, well ventilated area. For product stability, store between 55, and 100 °F. Do not store with strong oxidizing agents, strong acids, peroxides, aldehydes, halogens, ammonia, acid anhydrides, or alkali metals.

Section 8 - Exposure Controls, Personal Protection

8.1 Control Parameters:

Chemical Name	Exposure Limits	Basis	Entity
Ethyl Alcohol	1000 ppm 1900 mg/m ³	REL	NIOSH

Ethyl Alcohol	1000 ppm 1900 mg/m ³	PEL	OSHA
Ethyl Alcohol	1000 ppm 1880 mg/m ³	STEL	ACGIH
Ethyl Alcohol	3300 ppm	IDLH	OSHA
Hydrogen Peroxide	1 ppm	TWA	NIOSH, OSHA, ACGIH

TWA: Time Weighted Average over 8 hours of work.

TLV: Threshold Limit value over 8 hours of work.

REL: Recommended Exposure Limit.

PEL: Permissible Exposure Limit.

STEL: Short term Exposure Limit during x minutes.

IDLH: Immediately Dangerous to Life or Health.

WEEL: Workplace Environmental Exposure Levels.

CEIL: Ceiling

Note: If not listed above, refer to local regulations for specific country exposure limits.

8.2 Exposure Controls

Engineering Controls: General ventilation should be adequate for all normal use.

Personal Protective Equipment:

Respiratory Protection: For operations where exposure limits may be exceeded use a NIOSH approved respirator (mask) with appropriate eye protection. A full face piece respirator provides both eye and respiratory protection. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134, and all other applicable regulations; and good Industrial Hygiene practice.

Gloves: Wear appropriate impervious protective gloves to avoid skin exposure.

Eyes: Wear chemical splash goggles.

Other Protective Equipment/Clothing: Wear appropriate protective clothing to avoid skin exposure. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Section 9 - Physical and Chemical Properties

9.1 Information on basic Physical and Chemical Properties:

Physical State: Liquid

Appearance: Colorless to pale yellow

Odor: Mild Alcohol

Odor Threshold: Not available

pH: Not available

Freezing/Melting Point: -144 °C (-227.2 °F)

Initial Boiling Point/Range: 78 °C (172.4 °F)

Flash Point: 14 °C (57.2 °F)
Evaporation Rate: Not available
Flammability (solid, gas): Flammable Liquid
Flammability Limits: LEL: 3.3 % UEL: 19 %
Vapor Pressure: (@ 20 °C) 44.6 mm Hg
Vapor Density: (air = 1) 1.6
Relative Density: Not available
Solubility In Water: Soluble
Partition Coefficient: n-octanol/water: Not available
Autoignition Temp: 363 °C (685.4 °F)
Decomposition Temperature: Not available

Section 10 - Stability and Reactivity

10.1 Reactivity: Not normally reactive.

10.2 Chemical Stability: Stable at room temperature in closed containers under normal storage and handling conditions.

10.3 Possibility of Hazardous Reactions: Will not occur.

10.4 Conditions to Avoid: Keep away from heat, flame, and any ignition source.

10.5 Incompatibilities with Other Materials: Alkali metals, ammonia, oxidizing agents, peroxides.

10.6 Hazardous Decomposition Products: Carbon oxides.

Section 11 - Toxicological Information

11.1 Information on Toxicological Effects:

Acute Toxicity:

Skin	Not Available
Eyes	Not Available
Respiratory	LC50 Inhalation – rat – 10 h – 20000ppm
Ingestion	LD50 Oral – rat – 7,060 mg/kg

Carcinogenicity:

IARC, NTP	No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen.
ACGIH	A3:Donfirmed animal carcinogen with unknown relevance to humans (ethyl alcohol).
OSHA	No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen, or potential carcinogen.

Signs and Symptoms of Exposure:

Skin	Irritation, redness, itchiness.
Eyes	Irritation, redness, watering eyes, itchiness.
Respiratory	Irritation, coughin, wheezing, dizziness, drowsiness.
Ingestion	Irritation, nausea, vomiting, diarrhea, dizziness, drowsiness.

Chronic Toxicity	Ingestion may cause blindness.
Teratogenicity	Not available.
Mutagenicity	Not available.
Embryotoxicity	Pre and Post implant mortality.
Specific Target Organ Toxicity	Not available.

Section 12 - Ecological Information

12.1 Ecotoxicity:

Aquatic Vertebrate	LC ₅₀ (96 hours); 13,000 mg/l Oncorhynchus mykiss (Rainbow Trout)
Aquatic Invertebrate	Not available.
Terrestrial	Not available.

Persistence and Degradability	Not available.
Bioaccumulative Potential	Will not accumulate.
Mobility in Soil	Not available.
PBT and vPvB Assessment	Not available.
Other Adverse Effects	Not available.

Section 13 - Disposal Considerations

13.1 Waste Treatment Methods:

Dispose of in accordance with all local, state/provincial and federal regulations.

Section 14 - Transport Information

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
US DOT	UN1170	Ethanol Solution	3	II	N/A
Canadian TDG	UN1170	ETHANOL SOLUTION	3	II	N/A

IMDG	UN1170	ETHANOL SOLUTION	3	II	N/A
IATA/ICAO	UN1170	Ethanol Solution	3	II	N/A

14.6 Special Precautions for User: None

Section 15 - Regulatory Information

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

TSCA Inventory Status	All ingredients are listed on the TSCA inventory.
DSCL (EEC)	All ingredients are listed on the DSCL inventory.
California Prop 65	Listed: Ethyl alcohol (in alcoholic beverages).
SARA 302	Not Listed.
SARA 304	Not Listed.
SARA 311	Ethyl Alcohol
SARA 312	Ethyl Alcohol
SARA 313	Listed: Ethyl Alcohol
WHMIS	Class B-2: Flammable liquid with a flash point lower than 37.8 °C (100 °F).

Section 16 - Additional Information

SDS Date of preparation/revision: April 01, 2020

REVISION SUMMARY: New SDS

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Southern Lithoplate Inc. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Southern Lithoplate Inc. has been advised of the possibility of such damages.