

Southern Lithoplate Inc.

Material Safety Data Sheet

Southern Litho 830N Pre-Bake Solution

Section 1 - Chemical Product and Company Identification

MSDS Name: Southern Litho 830N Pre-Bake solution

Company Identification:

Southern Lithoplate Inc.
105 Jeffrey Way
Youngsville, N.C 27596

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

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

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent	EINECS/ELINCS
7732-18-5	Water	60-100	231-791-2
119345-04-9	Sodium benzeneoxybispropylenesulfonate	3 - 7	
77-92-9	Citric Acid	0 - 1	
7664-38-2	Phosphoric Acid	0 - 1	

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Appearance: white or off-white liquid.

Caution! May cause severe eye irritation.

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Target Organs: None.

Potential Health Effects

Eye: May cause severe irritation with corneal injury which may result in permanent impairment of vision, even blindness. Chemical burns may occur.

Skin: May cause significant skin irritation.

Ingestion: Ingestion of large amounts may cause injury.

Inhalation: N/A.

Chronic: No information found.

Section 4 - First Aid Measures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, remove contact lenses after first 5 minutes, occasionally lift the upper and lower eyelids. Get medical aid.

Skin: Flush skin with plenty of water. Wash clothing before reuse.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical aid if irritation or symptoms occur.

Inhalation: N/A

Notes to Physician: Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Extinguishing Media: Use extinguishing media most appropriate for the surrounding fire.

Flash Point: Not applicable.

Autoignition Temperature: Not applicable.

Explosion Limits, Lower: Not applicable.

Upper: Not applicable.

NFPA Rating: (estimated) Health: 2; Flammability: 0; Instability: 0; protection C

Hazard Rating: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe

Hazardous combustion products: Under certain fire conditions, this product contains materials that may decompose. The combustion products may include sulfur oxides.

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Clean up spills immediately, observing precautions in the Protective Equipment section.

For spills do not flush area with water. Absorb spill with vermiculite, sawdust or other absorbent to absorb liquid. Place absorbed material into an approved container. Dispose of in accordance with federal, state and local regulations.

Environmental Precautions: Prevent from entering into soil, ditches or waterways.

Section 7 - Handling and Storage

Handling: Wash thoroughly after handling. Avoid contact with skin and eyes. Avoid ingestion.

Storage: Store in a cool, dry place. Keep container closed when not in use.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls: Good general ventilation should be sufficient to control airborne levels.

Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Water	none listed	none listed	none listed
Sodium benzenedioxybispropylenesulfonate	none listed	none listed	none listed
Citric acid		none listed	none listed
Phosphoric acid		1 mg/m ³	1 mg/m ³

OSHA Vacated PELs: No OSHA Vacated PELs are listed for these chemicals.

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate neoprene gloves.

Clothing: Wear appropriate protective clothing to minimize contact with skin.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149

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approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 - Physical and Chemical Properties

Physical State: Liquid.

Appearance: white or off-white.

Odor: Mild odor.

pH: 4.5 – 6.5

Vapor Pressure: ~ 14@20C.

Vapor Density: Not available.

Evaporation Rate: Not available.

Viscosity: Not available.

Boiling Point: ~ 212F

Freezing/Melting Point: ~32F

Decomposition Temperature: Not available.

Solubility: Completely soluble.

Specific Gravity/Density: >1.0.

VOC: None

Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Freezing

Incompatibilities with Other Materials: Strong acids.

Hazardous Decomposition Products: Sulfur oxides, Carbon monoxide and carbon dioxide.

Hazardous Polymerization: Has not been reported

Section 11 - Toxicological Information

CAS# 119345-04-9

LD50/LC50: Oral rat LD50: > 2g/kg. Skin absorption LD50 Rabbit >2g/kg

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CAS# 77-92-9

LD50/LC50: Oral rat LD50 = 1,530 mg/kg. Skin absorption LD50 Rabbit => 1,260 - > 3,160 mg/kg

CAS# 7664-38-2

LD50/LC50: Oral rat LD50 = 11.7 g/kg

Repeated Dose Toxicity:

Based on available data, repeated exposures are not anticipated to cause significant adverse effects.

Chronic Toxicity and Carcinogenicity:

Did not cause cancer in laboratory animals.

Carcinogenicity:

CAS# 119345-04-9, 7664-38-2, 77-92-9: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Epidemiology: No information available.

Teratogenicity: No information available.

Reproductive Effects: No information available.

Mutagenicity: No information available.

Neurotoxicity: No information available.

Other Studies:

Section 12 - Ecological Information

CHEMICAL FATE

Persistence and Degradability

CAS# 119345-04-9, Material is inherently biodegradable (reaches > 20% biodegradation in OECD test(s) for inherent biodegradability).

OECD Biodegradation Tests:

Biodegradation Exposure Time Method: < 70 % 28 d OECD 302B Test

ECOTOXICITY

Material is moderately toxic to aquatic organisms on an acute basis (LC50/EC50 between 1 and 10 mg/L in most sensitive species tested).

Fish Acute & Prolonged Toxicity

LC50, rainbow trout (*Oncorhynchus mykiss*), static, 96 h: 7.66 mg/l

LC50, fathead minnow (*Pimephales promelas*), flow-through, 96 h: 3.85 mg/l

Aquatic Invertebrate Acute Toxicity

LC50, water flea *Daphnia magna*, 48 h: 3.6 mg/l

Section 13 - Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification

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determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

Section 14 - Transport Information

	US DOT	Canada TDG
Shipping Name:	Not Regulated	Not Regulated
Hazard Class:		
UN Number:		
Packing Group:		

Section 15 - Regulatory Information

US FEDERAL

TSCA

CAS# 119345-04-9, 7664-38-2, 77-92-9 are listed on the TSCA inventory.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

CERCLA Hazardous Substances and corresponding RQs

None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

Section 313 No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depletors.

This material does not contain any Class 2 Ozone depletors.

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OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

CAS# 119345-04-9 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

California Prop 65

California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:

Not available.

Risk Phrases:

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 119345-04-9: 0

Canada - DSL/NDSL

CAS# 119345-04-9 are listed on Canada's DSL List: D2B.

Canada - WHMIS

WHMIS: Eye or skin irritant.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

Section 16 - Additional Information

MSDS Date 4/6/11

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.