

Southern Lithoplate Inc.

Safety Data Sheet

830-n Thermal Pre-Bake Solution

Section 1 - Chemical Product and Company Identification

1.1 Product identifier: 830-n Thermal Pre-Bake Solution

1.2 Relevant identified uses of the substance or mixture and uses advised against: For use in pre-press printing plate preparation processes.

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

CLP /GHS Classification (1272/2008):

Physical:	Health:	Environmental
Non-Hazardous	Eye Corrosion Category 1	Non-Hazardous

EU Classification (67/548/EEC): Xi R36

2.2 Label Elements:



DANGER!

SDS Number: CTP Pre-Bake Solution

Statements of Hazard

H318 Causes serious eye damage.

Precautionary Statements

P280 Wear protective clothing, and eye protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor.

2.3 Other Hazards: None

Section 3 - Composition, Information on Ingredients

3.2 Mixtures:

Chemical Name	CAS# / EINECS#	EU Classification (67/548/EEC)	GHS Classification Regulation (EC) No 1272/2008	%
Non-hazardous Ingredients	Mixture	Not Classified as Dangerous	Not Classified as Hazardous	90-95
Disodium dodecyl(sulphonatophenoxy)benzenesulphonate	28519-02-0 / 249-063-8	Xi, N R41, R51/53	Eye Corr. 1 (H318); Aqua. Chronic 2 (H411)	<5
Disodium 2,2'(or 3,3')-oxybis[5(or 2)-dodecylbenzenesulphonate]	25167-32-2 / 246-688-8	Xi, N R41, R51/53	Eye Corr. 1 (H318); Aqua. Chronic 2 (H411)	<3
Citric Acid	77-92-9/ 201-069-1	Xi R36	Eye Irrit. 2A (H319)	<2

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 large quantities of water for 15 minutes, holding the eyelids apart. Get immediate medical attention.

Skin: Rinse skin with plenty of water. If skin irritation occurs seek medical attention.

Ingestion: Do not induce vomiting unless directed to by doctor or physician. If the victim is fully conscious, have them drink a glass of water. Get medical assistance by calling a doctor or poison center. Never give anything by mouth to a person who is unconscious or drowsy.

SDS Number: CTP Pre-Bake Solution

Inhalation: If symptoms of exposure develop, remove to fresh air. Seek medical attention if symptoms persist.

Notes to Physician: Treat symptomatically.

4.2 Most important symptoms and effects, both acute and delayed: Causes severe eye irritation with the possibility of permanent damage. Inhalation of mists may cause mild respiratory irritation. Ingestion may cause gastrointestinal irritation with nausea, vomiting and diarrhea. May cause mild skin irritation.

4.3 Indication of any immediate medical attention and special treatment needed: Seek immediate medical attention for eye contact.

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, oxides of carbon and sulfur may be generated by thermal decomposition or combustion.

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 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: Prevent eye contact. Avoid skin contact. Avoid breathing mists or vapors. Use only with appropriate protective equipment.

SDS Number: CTP Pre-Bake Solution

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: Protect containers from physical damage. Store in a cool, well-ventilated area away from incompatible materials. Keep out of the reach of children.

7.3 Specific end use(s): For use in pre-press printing plate preparation processes.

Section 8 - Exposure Controls, Personal Protection

8.1 Control Parameters:

Chemical Name	Exposure Limits
Non-hazardous Ingredients: United States Germany United Kingdom European Union	None established None established None established None established
Disodium dodecyl (sulphonatophenoxy) benzenesulphonate: United States Germany United Kingdom European Union	None established None established None established None established
Disodium 2,2'(or 3,3')-oxybis[5(or 2)-dodecylbenzenesulphonate]: United States Germany United Kingdom European Union	None established None established None established None established
Citric Acid: United States Germany United Kingdom European Union	None established None established None established None established

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.

SDS Number: CTP Pre-Bake Solution

Personal Protective Equipment:

Respiratory Protection: For operations where exposure may be excessive use a NIOSH approved respirator (mask) with appropriate eye 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 exposure.

Section 9 - Physical and Chemical Properties

9.1 Information on basic Physical and Chemical Properties:

Physical State: Liquid

Appearance: Not available

Odor: Not available

Odor Threshold: Not available

pH: 4.5 to 6.5

Freezing/Melting Point: ~ 32F

Initial Boiling Point/Range: ~ 212F

Flash Point: Not applicable

Evaporation Rate: Not available

Flammability (solid, gas): Not applicable

Flammability Limits: LEL: Not applicable UEL: Not applicable

Vapor Pressure: Not determined

Vapor Density: Not determined

Relative Density: Not available

Solubility In Water: Soluble

Coefficient Of Water/Oil Distribution: Not determined

Autoignition Temp: Not Determined

Decomposition Temperature: Not available

Viscosity: Not Determined

Volatile Organic Compounds (VOC): None

9.2 Other Information: None

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 react with strong oxidizing agents.

10.4 Conditions to Avoid: Incompatible materials.

10.5 Incompatibilities with Other Materials: Strong oxidizing agents.

10.6 Hazardous Decomposition Products: During a fire, oxides of carbon and

SDS Number: CTP Pre-Bake Solution

sulfur may be generated by thermal decomposition.

Section 11 - Toxicological Information

11.1 Information on Toxicological Effects:

Acute Hazards:

Inhalation: Mist and vapors may cause mild irritation to the upper respiratory tract.

Skin Contact: May cause mild skin irritation.

Eye Contact: Causes severe eye irritation with the possibility of permanent damage.

Ingestion: Ingestion may cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Chronic Effects: None expected.

Carcinogenicity Listing: None of the components are listed as a carcinogen or potential carcinogen by IARC, NTP, ACGIH or OSHA.

Acute Toxicity Values:

Calculated ATE for Product: ATE Oral: >2,000 mg/kg
ATE Skin: >2,000 mg/kg

Non-Hazardous ingredients: Not acutely toxic.

Disodium dodecyl(sulphonatophenoxy)benzenesulphonate:
LD50 Oral Rat: >2,000 mg/kg
LD50 Dermal Rabbit: >2,000 mg/kg

Disodium 2,2'(or 3,3')-oxybis[5(or 2)-dodecylbenzenesulphonate]:
LD50 Oral Rat: >2,000 mg/kg
LC50 Inhalation Rat: >2.4 mg/L/4 hr.

Citric Acid: LD50 Oral Rat: 11,700 mg/kg
LD50 Skin Rat: >2,000 mg/kg

Section 12 - Ecological Information

12.1 Ecotoxicity:

Citric Acid: LC50: Golden orfe 440 mg/L/48 hr.
EC50: Daphnia Magna: 1535 mg/L/24 hr.

SDS Number: CTP Pre-Bake Solution

12.2 Persistence and Degradability:

Citric Acid: Readily biodegradable

12.3 Bio accumulative Potential:

Citric Acid: BCF: 3.2

12.4 Mobility in Soil:

Citric Acid: Very high mobility.

12.5 Results of PVT and vPvB assessment: No data available

12.6 Other Adverse Effects: No data 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	N/A	Not classified for transport	N/A	N/A	N/A
Canadian TDG	N/A	Not classified for transport	N/A	N/A	N/A
EU ADR/RID	N/A	Not classified for transport	N/A	N/A	N/A
IMDG	N/A	Not classified for transport	N/A	N/A	N/A

14.6 Special Precautions for User: None

14.7 Transport in Bulk According to Annex III MARPOL 73/78 and the IBC Code: Not determined.

Section 15 - Regulatory Information

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

U.S. REGULATIONS:

TSCA

All ingredients are listed on the TSCA inventory.

Chemical Test Rules

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

SDS Number: CTP Pre-Bake Solution

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 Section 103: Hazardous Substances and corresponding RQs:

None

SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

SARA Hazard Category (311/312): Acute Health

SARA 313: This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

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.

Clean Water Act:

None of the chemicals in this product are listed as a Hazardous Substance under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

US. State Regulations

California Prop 65:

No chemicals that are listed.

European/International Regulations

WGK (Water Danger/Protection):

None

Canada - DSL/NDSL

All components listed on DSL/NDSL

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

Section 16 - Additional Information

SDS Date of preparation/revision: April 02, 2015

SDS Number: CTP Pre-Bake Solution

REVISION SUMMARY: New SDS

EU Classes and Risk Phrases for Reference (See Sections 2 and 3):

Xi Irritant

N Dangerous for the environment.

R36 Irritating to eyes.

R41 Risk of serious damage to eyes.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLP /GHS Classification and H Phrases for Reference (See Section 3):

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

Aqua. Chronic 2 – Chronic Aquatic Toxicity Category 2

Eye Corr. 1 – Eye Corrosion Category 1

Eye Irrit. 2A – Eye Irritation Category 2A

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