

Southern Lithoplate Inc.
Material Safety Data Sheet

SLP On-The-Fly

Section 1 - Chemical Product and Company Identification

MSDS Name: SLP On-The-Fly

Company Identification:

Southern Lithoplate Inc.
105 Jeffrey Way
Youngsville, N.Carolina. 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	40-70	231-791-2
8052-41-3	Aliphatic Naphtha	10-30	232-489-3
1310-58-3	Potassium hydroxide	< 1	215-181-3

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Appearance: Creamy white emulsion.

Warning! Eye contact may result in permanent eye damage. Irritant. Causes eye and skin irritation. May cause respiratory tract irritation. Corrosive to aluminum.

Target Organs: Eyes, skin.

Potential Health Effects

Eye: Will cause severe eye irritation and inflammation.

MSDS Number: **SLP014**

Skin: May cause skin irritation, drying and redness.

Ingestion: Causes gastrointestinal irritation. Aspiration into the lungs can lead to pulmonary edema and chemical pneumonia which can prove fatal.

Inhalation: May cause respiratory tract irritation, signs of central nervous system depression, dizziness, nausea and headache.

Chronic: Prolonged or repeated skin contact may aggravate an existing dermatitis. Pre-existing disorders of the lungs may be aggravated by prolonged exposure.

Section 4 - First Aid Measures

Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid.

Skin: In case of contact, flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse.

Ingestion: If swallowed, do not induce vomiting unless directed to do so by medical personnel. Material is an aspiration hazard, may enter lungs and cause lung damage. Never give anything by mouth to an unconscious person. Get medical aid.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

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. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media: Use foam, dry chemical, or carbon dioxide.

Flash Point: 110F by TTC.

Autoignition Temperature: Not available.

Explosion Limits, Lower: Not available.

Upper: Not available.

NFPA/HMIS Rating: (estimated) Health: 1; Flammability: 2; Instability: 0 PPE: C

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

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in

Section 8.

Spills/Leaks: Extinguish all sources of ignition. Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Provide ventilation. Observe local, state and federal regulations regarding disposal.

Section 7 - Handling and Storage

Handling: Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Use with adequate ventilation. Wash clothing before reuse. Vapors are heavier than air and will accumulate in low areas.

Storage: Store in a cool, dry place as a COMBUSTIBLE LIQUID away from heat, sparks and open flame. Store in a tightly closed container. Treat empty containers as containing hazardous residues.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Water	none listed	none listed	none listed
Aliphatic Naphtha	100 ppm	350 mg/m ³ TWA 20000 mg/m ³ IDLH	500 ppm TWA; 2900 mg/m ³ TWA
Potassium hydroxide	2 mg/m ³ Ceiling	none listed	none listed

OSHA Vacated PELs: Aliphatic Naphtha: 100 ppm TWA; 525 mg/m³ TWA.

Personal Protective Equipment

Eyes: Wear chemical splash proof goggles.

Skin: Wear appropriate impervious protective nitrile gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

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

Section 9 - Physical and Chemical Properties

MSDS Number: **SLP014**

Physical State: Thick Liquid
Appearance: Creamy white emulsion
Odor: Hydrocarbon odour
pH: 12.0 @ 20°C
Vapor Pressure: <3.0 mmHg @ 20C.
Vapor Density: >1.
Evaporation Rate: <1.
Viscosity: Not available.
Boiling Point: ~212F.
Freezing/Melting Point: ~32F
Decomposition Temperature: Not available.
Solubility: Emulsifiable.
Specific Gravity/Density: 1.0
Volatile Organic Compounds (VOC) 2.2lb/gallon

Section 10 - Stability and Reactivity

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

Conditions to Avoid: Incompatible materials, excess heat.

Incompatibilities with Other Materials: Strong oxidizing agents; strong reducing agents, strong bases.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide & hydrocarbons.

Hazardous Polymerization: Will not occur.

Section 11 - Toxicological Information

RTECS#:

CAS# 7732-18-5: ZC0110000

LD50/LC50:

CAS# 7732-18-5:

Oral, rat: LD50 = >90 mL/kg;

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CAS# 1310-58-3:

Draize test, rabbit, skin: 50 mg/24H Severe;

Oral, rat: LD50 = 273 mg/kg;

MSDS Number: **SLP014**

CAS# 8052-41-3: WJ8925000

LD50/LC50:

Draize test, rabbit, eye: 500 mg/24H Moderate;

Carcinogenicity:

CAS# 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS# 1310-58-3: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS# 8052-41-3: Not listed by ACGIH, IARC, NTP, or CA Prop 65 (see section 15.)

Epidemiology: Epidemiological studies involving petroleum refinery workers indicate persons with routine exposure to petroleum or one of its constituents may be at an increased risk to the development of benign neoplasms, digestive tract cancer, and skin cancer.

Teratogenicity: No information found

Reproductive Effects: No information found

Mutagenicity: No information found

Neurotoxicity: No information found

Other Studies:

Section 12 - Ecological Information

No information found

Section 13 - Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Recovered liquids may be reprocessed or incinerated in a permitted hazardous waste facility. US EPA guidelines for the classification 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:	Flammable liquid NOS (petroleum distillates)	Flammable liquid NOS (petroleum distillates)
Ground Transportation:	Not Regulated	Not Regulated
Hazard Class:	3	3

MSDS Number: SLP014

UN Number:	UN1993	UN1993
Packing Group:	III	III

Section 15 - Regulatory Information

US FEDERAL

TSCA

All ingredients 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

CAS# 1310-58-3: 1000 lb final RQ; 454 kg final RQ

SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

SARA Codes

CAS # 1310-58-3: immediate, reactive. CAS # 8052-41-3: immediate, delayed, fire.

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.

Clean Water Act:

CAS# 1310-58-3 is 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.

OSHA:

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

STATE

CAS# 7732-18-5; is not present on state lists from CA, PA, MN, MA, FL, or NJ.

CAS# 1310-58-3 can be found on the following state right to know lists:

California, New Jersey, Pennsylvania, Minnesota, Massachusetts.

CAS# 8052-41-3 can be found on the following state right to know lists:

California, New Jersey, Pennsylvania, Minnesota, Massachusetts.

California Prop 65

MSDS Number: **SLP014**

California No Significant Risk Level: *This regulation does no address "de minimis" levels. Therefore, even trace amounts of chemicals on these lists must be identified. Trace quantities refer to low levels of materials whose exact concentration may not be determined because of their minuteness.* This product contains the following chemicals known by the state of California to cause cancer: ethylene oxide, acetaldehyde, formaldehyde. This product contains the following chemicals known by the state of California to cause reproductive harm: ethylene oxide.

European/International Regulations

WGK (Water Danger/Protection)

CAS# 7732-18-5: No information available.

CAS# 8052-41-3: 1; 1310-58-3: 1

Canada - DSL/NDSL

CAS# 7732-18-5 is listed on Canada's DSL List.

CAS# 8052-41-3, 1310-58-3 are listed on Canada's DSL List.

Canada - WHMIS

This product has a WHMIS classification of B3, D2B.

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.

Canadian Ingredient Disclosure List

CAS# 8052-41-3, 1310-58-3 is listed on the Canadian Ingredient Disclosure List.

Section 16 - Additional Information

MSDS Revision Date 6.25.2009

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.