SDS Date: August, 2016

Safety Data Sheet

Per GHS Standard Format

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: LeadSafe Wipes No. 5498
Product Form: TSP Saturated Wipe for Lead Dust Removal (SDS is provided for the liquid portion of this product)
Recommended Use of Product: Lead Dust Cleanup

Information on the Supplier of the Safety Data Sheet

Manufactured For:
Fiberlock Technologies, Inc.
150 Dascomb Road
Andover, MA 01810
P: 800-342-3755 F: 978-475-6205

Emergency Telephone Numbers:
CHEM TEL: (U.S.): 1-800-255-3924
(Outside the U.S.): 813-248-0585

SECTION 2: HAZARDS IDENTIFICATION

Signal Word: **DANGER**

GHS Label Statements

Hazard Statements:
Causes skin irritation.
Causes serious eye damage.

GHS Classifications

This product is considered hazardous by The 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
Skin irritation – Category 2
Eye irritation – Category 1

PRECAUTIONARY STATEMENTS

Prevention: Wash hands thoroughly after handling. Wear eye protection, protective clothing, protective gloves.
Response: IF ON SKIN: Wash with plenty of soap and water. P332+P313 - If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so.

Continue rinsing. Immediately call a POISON CENTER or doctor/physician. In case of fire: Use dry chemical, foam, CO2 for extinction.
Storage: Store in a well-ventilated place. Keep container tightly closed. Store locked up
Disposal: Dispose of contents/container to licensed waste handling facility.
Other Hazards: No additional information available.

SECTION 3: COMPOSITION INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight, %
Trisodium Phosphate Anhydrous	7601-54-9	Proprietary*
Sodium Metasilicate Pentahydrate	10213-79-3	Proprietary*
Surfactant Blend	Proprietary*	Proprietary*

***The component information and exact percentage of composition has been withheld as a trade secret.**

SECTION 4: FIRST AID MEASURES

General Advice
Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Eye Contact
IF IN EYES: Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation occurs, get medical advice/attention.

Skin Contact
IF ON SKIN: Immediately rinse with plenty of soap and water (for at least 15 minutes). Remove contaminated clothing and wash before reuse. If skin irritation or redness occurs, get medical advice/attention.

Inhalation
IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Ingestion
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Obtain emergency medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms/injuries: May be fatal if swallowed and enters airways.
Symptoms/injuries after inhalation: Inhalation in high concentrations may cause irritation of the mucous membranes. May cause a headache. Aspiration of this material into the lungs may cause chemical pneumonia or death.
Symptoms/injuries after skin contact: Contact may cause irritation. Persons with pre-existing skin disorders may be more susceptible to the effects of this product.
Symptoms/injuries after eye contact: Direct contact with the eyes is likely to be irritating. May cause burns and possible corneal damage.

Symptoms/injuries after ingestion: May be irritating to the mucous membranes.
Chronic symptoms: No data available.

Indication of any immediate medical attention and special treatment needed

Notes to Physician
No additional information available.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Dry chemical. Carbon dioxide. Foam.

Specific Hazards Arising from the Chemical
Explosion Hazard: Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.
Reactivity: No dangerous reactions known under normal conditions of use.

Advice for Firefighters
Fire-fighting Instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment.
Protection During Fire-fighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Mop up as much as possible, then flush residue with a large volume of water.

For Non-Emergency Personnel

Protective Equipment: Wear Protective equipment as described in Section 8.
Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Responders

Protective Equipment: Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.

Environmental Precautions

Environmental Precautions: Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

Methods and Material for Containment and Cleaning Up

Methods for Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Handling: Do not handle until all safety precautions have been read and understood. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not breathe mists.

Conditions for Safe Storage, Including any Incompatibilities

Storage: Keep only in the original container in a cool, well ventilated place away from heat sources. Keep container closed when not in use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Surfactant Blend	
Remark (ACGIH)	OELs not established
Remark (US OSHA)	OELs not established

Trisodium Phosphate Anhydrous (7601-54-9)*	
Remark (ACGIH)	Pertaining to dusts: 10 mg/m3 (inhalable) 8-hr TWA, 3 mg/m3 (respirable) 8-hr TWA
Remark (US OSHA)	Pertaining to dusts: 15 mg/m3 (total dust) 8-hr TWA, 5 mg/m3 (respirable) 8-hr TWA
	*Subject to the reporting requirements of SARA 312. Trisodium Phosphate at 100% in powder form is a nuisance dust.

Sodium Metasilicate Pentahydrate (10213-79-3)	
Remark (ACGIH)	OELs not established
Remark (US OSHA)	OELs not established
	An exposure limit of 2 mg/m3 (15 min TWA) is recommended by analogy with sodium hydroxide.

Exposure Controls

Appropriate Engineering Controls: Ensure adequate ventilation. A source of water should be available in the work area for flushing eyes and skin.

Personal Protective Equipment: Gloves. Protective clothing as needed. Protective goggles.

Eye/Face Protection: Eye protection must be worn when possibility exists for eye contact due to spraying liquid or airborne particles.

Skin, Hand and Body Protection: Wear suitable protective clothing as needed. Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Natural rubber ("latex"), Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl.

Respiratory Protection: None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Appearance: Clear
Color: None
Odor: Slight odor
Odor Threshold: No data available
pH: No data available
Relative evaporation rate (butyl acetate=1): Slower than ether
Melting point: No data available
Freezing point: No data available
Boiling point: >100°C (212 °F)
Flash point: None to boiling
Self-ignition temperature: No data available
Decomposition temperature: No data available
Flammability (solid, gas): No data available
Vapor pressure: No data available
Relative vapor density at 20 °C: No data available
Relative density: No data available
Solubility: No data available
Log Pow: No data available
Log Kow: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: No data available
Explosive properties: No data available
Oxidizing properties: No data available
Explosive limits: No data available

SECTION 10: STABILITY AND REACTIVITY

Reactivity
No dangerous reactions known under normal conditions of use.

Conditions to Avoid
None known

Chemical Stability
Stable under recommended handling and storage conditions (see section 7)

Incompatible Materials
None known

Possibility of Hazardous Reactions
None known

Hazardous Decomposition Products
Thermal decomposition generates oxides of carbon and phosphorous.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Chemical Name	*Oral LD50*	*Dermal LD50*
Surfactant Blend (Alcohol ethoxylate) 9002-92-0	1 g/kg (Rat)	
Trisodium Phosphate Anhydrous 7601-54-9	> 4100 mg/kg (Rat)	> 1900 mg/kg (Rabbit) Eye Irritation (Rabbit)-Corrosive Skin Irritation (Rabbit)-2.2/8.0 (24-hr exp.); slightly irritating
Sodium Metasilicate Pentahydrate 10213-79-3	> 1150 mg/kg (Rat)	> 5000 mg/kg (Rat)

Skin corrosion/irritation: Skin Irritant Category 2
Serious eye damage/irritation: Eye Irritant Category 1
Respiratory or skin sensitization: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive toxicity: Not classified
Specific target organ toxicity (single exposure): Not classified
Specific target organ toxicity (repeated exposure): Not classified
Aspiration hazard: May be fatal if swallowed and enters airways.
Symptoms/injuries after inhalation: Inhalation in high concentrations may cause irritation of the mucous membranes. May cause a headache. Aspiration of this material into the lungs may cause chemical pneumonia or death.
Symptoms/injuries after skin contact: Contact may cause irritation. Persons with pre-existing skin disorders may be more susceptible to the effects of this product.
Symptoms/injuries after eye contact: Direct contact with the eyes is likely to be irritating. May cause burns and possible corneal damage.
Symptoms/injuries after ingestion: May be irritating to the mucous membranes.
Chronic symptoms: No data available

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: No additional information available
Persistence and Degradability: No additional information available
Bioaccumulative Potential: No additional information available

Mobility in Soil: No additional information available
Other Adverse Effects: No additional information available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal Methods: Do not discharge to public wastewater systems without permit of pollution control authorities. No discharge to surface waters is allowed without an NPDES permit. Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.

SECTION 14: TRANSPORT INFORMATION

DOT

Proper Shipping Name	Cleaning Compound, Not Regulated
Hazard Class	Not Regulated

Transport by Sea: No additional information available
Air Transport: No additional information available
In accordance with ADR / RID / IMDG / IATA / ADN

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

Fiberlock Lead Safe Wipes	
All chemical substances in this product are listed in the EPA (Environmental Protection Agency) TSCA (Toxic Substances Control Act) Inventory	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
Surfactant Blend (Alcohol ethoxylate, 9002-92-0)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Trisodium Phosphate Anhydrous (7601-54-9)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Sodium Metasilicate Pentahydrate (10213-79-3)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

International Regulations: CANADA

Surfactant Blend (Alcohol ethoxylate, 9002-92-0)
Listed on the Canadian DSL (Domestic Substances List) inventory.

Trisodium Phosphate Anhydrous (7601-54-9)
Listed on the Canadian DSL (Domestic Substances List) inventory.
Sodium Metasilicate Pentahydrate (10213-79-3)
Listed on the Canadian DSL (Domestic Substances List) inventory.

National Regulations

Surfactant Blend (Alcohol ethoxylate, 9002-92-0)
Listed on Inventory of Existing Chemical Substances (IECSC) Listed on the AICS (the Australian Inventory of Chemical Substances) Listed on the Korean ECL (Existing Chemical List) inventory. Listed on the Philippines CCS (Chemicals & Chemical Substances) inventory.
Trisodium Phosphate Anhydrous (7601-54-9)
Listed on Inventory of Existing Chemical Substances (IECSC) Listed on the AICS (the Australian Inventory of Chemical Substances) Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory. Listed on the Korean ECL (Existing Chemical List) inventory. Listed on the Philippines CCS (Chemicals & Chemical Substances) inventory.
Sodium Metasilicate Pentahydrate (10213-79-3)
Listed on the AICS (the Australian Inventory of Chemical Substances)

US State Regulations

California Proposition 65: This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm.

SECTION 16: OTHER INFORMATION

NFPA	Health Hazards 1	Flammability 0	Instability 0	Physical and Chemical Hazards Personal Protection
HMIS	Health Hazards 1	Flammability 0	Physical Hazard 0	X

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD (5323) or log on to: www.epa.gov/lead