SDS Date: September, 2015

# **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: Emergency Telephone Numbers: Fiberlock Technologies, Inc. CHEM TEL: (U.S.): 1-800-255-3924 150 Dascomb Road (Outside the U.S.): 813-248-0585

Andover, MA 01810

P: 800-342-3755 F: 978-475-6205

## **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 NameCAS No.Weight, %Trisodium Phosphate Anhydrous7601-54-9Proprietary\*Sodium Metasilicate Pentahydrate10213-79-3Proprietary\*Surfactant BlendProprietary\*Proprietary\*

## **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.

<sup>\*</sup>The component information and exact percentage of composition has been withheld as a trade secret.

**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 Surfactant Blend (Alcohol ethoxylate) 9002-92-0 | <b>Oral LD50</b><br>1 g/kg (Rat) | Dermal LD50  |
|---|----------------------------------|--|
| Trisodium Phosphate Anhydrous 7601-54-9                       | > 4100 mg/kg (Rat)               | > 1900 mg/kg (Rabbit)<br>Eye Irritation (Rabbit)-Corrosive<br>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  | Immediate (acute) health hazard |  |
| Classes  |                                 |  |
| 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: <a href="https://www.epa.gov/lead">www.epa.gov/lead</a>