SECTION 1: PRODUCT/COMPANY IDENTIFICATION

Name: Lead Ghost Wipe Standard
(175-250 micrograms of Lead per wipe) in 50 mL Rigid Walled Cup, 10 pk

Catalog Number: SC4252

Recommended Use and Restrictions on Use: For laboratory use only. Product should be handled only by properly trained laboratory personnel. Not for human consumption.

Manufacturer:
Organic Standards Solutions International, LLC
(o2si smart solutions)
2030 Savage Road
Charleston, South Carolina 29407 866.272.0932

For Chemical Emergency, Spill, Leak, Fire Exposure or Accident
Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300
Outside USA and Canada: +1 703-527-3887 (Collect Calls Accepted)

SECTION 2: HAZARDS IDENTIFICATION

All chemicals should be considered hazardous. Direct Physical contact should be avoided.

OSHA Hazards
Reproduction (Category 1A) H360
Storage requirement (Category 2) H373
Acute toxicity, Oral (Category 4), H302

Target Organs
Reproduction (Category 1A) H360

GHS Classification
Acute toxicity, Oral (Category 4), H302
Acute toxicity, Inhalation (Category 4), H332

Signal Word: Danger

Pictogram:

Hazard Statements:
H302 + H332 Harmful if swallowed or inhaled
H360 May damage fertility or the unborn child.
H373 May cause damage to organs (Cardio-vascular system) through prolonged or repeated exposure if swallowed.

Precautionary Statements:
P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P281 Use personal protective equipment as required.
P304 P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P405 Store locked up
P501 Dispose of contents/ container to an approved waste disposal plant.

HMIS Classification
Health 1
Chronic *
Flammability 0
SECTION 3: COMPOSITION/INGREDIENTS INFO

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>EC #</th>
<th>Index #</th>
<th>Composition</th>
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<tr>
<td>Lead</td>
<td>7439-92-1</td>
<td>231-100-4</td>
<td>082-001-00-6</td>
<td>&gt;1%</td>
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<tr>
<td>Lead in Paint Chips</td>
<td>250 mg/Kg</td>
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</tr>
</tbody>
</table>

SECTION 4: FIRST AID MEASURES

**General Advice**
Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area. Remove to fresh air, give artificial respiration if breathing has stopped only if you have been trained to do so. Consult a physician.

**Inhalation**
Remove contaminated clothes and shoes immediately. Wash with soap and plenty of water. Consult a physician.

**Skin**
Immediately flush with water for 15 minutes. Consult a physician.

**Eyes**
Never give anything by mouth to an unconscious person. Rinse mouth with water. Get medical help immediately.

**Medical Symptoms**
No data available

SECTION 5: FIRE FIGHTING MEASURES

**Conditions of Flammability**
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Suitable Extinguishing Agents**

**Do Not Use**

**Personal Protection Equipment for Firefighters**
Wear self-contained breathing apparatus for firefighting if necessary.

**Hazardous Decomp Products**
lead oxides

SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal**
Wear respiratory protection when air monitoring results indicate dangerous levels of chemical vapor. Ensure adequate ventilation. Evacuate any area where dangerous levels of vapor may accumulate.

**Environmental Containment & Cleanup**
Prevent further leakage or spillage only when it is safe to do so. Prevent product from entering drains. Contain spillage. Collect spilled product and any absorbent material with an electrically protected vacuum cleaner or by wet-brushing. Place in container for disposal according to applicable regulations.

SECTION 7: HANDLING AND STORAGE
Precautions for Safe Handling  
Avoid contact with skin. Avoid formation of dust or aerosols. Further processing of solid material may lead to the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dusts or fumes can accumulate.

Conditions for Safe Storage  
Keep closed containers in a dry and well-ventilated storage location. Containers that have been opened for use should be completely resealed and kept upright to prevent leakage. See product Certificate of Analysis for detailed storage conditions.

Incompatible With  
Oxidizing agents

Sections 8: Exposure Controls/Personal Protection

Components with Control Parameters  
Lead

PEL:
0.05 mg/m³

REL:
0.05 mg/m³

Short Term

Long Term

TLV:
0.05 mg/m³

Short Term

Long Term

Personal Protection Equipment

Hygiene  
Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Respiratory  
Use in a well ventilated area or in a properly functioning fume hood. A full face respirator may be used as a backup to engineering controls.

Hand  
Wear gloves. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash hands regularly.

Eye  
Use face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin  
Wear chemical resistant clothing to avoid skin contact with this material. The use of a lab coat is recommended.

Sections 9: Physical and Chemical Properties

Appearance  
Liquid

Form  
Liquid

Color  
No Data Available

Odor  
No Data Available

Safety Data

pH  
NA

Freezing Pt  
No Data Available

Boiling Pt  
No Data Available

Flash Pt  
No Data Available

Ignition Temp  
No Data Available

Autoignition Temp  
No Data Available

LEL  
No Data Available

UEL  
No Data Available

Vapor Pressure  
No Data Available

Density  
No Data Available

Vapor Density  
No Data Available

Water Solubility  
No Data Available

Evaporation Rate  
No Data Available

Partition Coefficient  
No Data Available

Odor Threshold  
No Data Available

Sections 10: Stability and Reactivity

Stability  
Stable under recommended storage conditions. See Certificate of Analysis.

Possibility of Hazardous Reactions  
No Data Available

Hazardous Decomp Conditions to Avoid  
lead oxides

No Data Available
SECTION 11: TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Material Delayed</th>
<th>Acute Toxicity</th>
<th>LD/LC 50</th>
<th>Likely Routes of Exposure</th>
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<tr>
<td>Skin</td>
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<tr>
<td>Eyes</td>
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<td>Respiratory</td>
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<tr>
<td>Sensitization</td>
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<tr>
<td>Carcinogenicity</td>
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<td>Teratogenicity</td>
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Likely Routes of Exposure:
- Single Exposure: No Data Available
- Multiple Exposure: No Data Available
- Additional: No Data Available

SECTION 12: ECOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Toxicoogy</th>
<th>Persistence &amp; Degradability</th>
<th>Bioaccumulative Potential</th>
<th>Mobility in Soil</th>
<th>PBT and vPvB</th>
<th>Other</th>
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<tr>
<td>Toxicity</td>
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<td>No Data Available</td>
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SECTION 13: DISPOSAL CONSIDERATIONS

<table>
<thead>
<tr>
<th>Product</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Offer unused or expired solutions to a licensed, professional and reputable waste disposal company. Waste associated with this product is not intended for standard sewage disposal. Follow all Federal, State, and local regulations when disposing of this material. See Section 8 of this SDS for exposure control and personal protection information prior to handling waste.</td>
<td>Dispose of contaminated packaging as unused product.</td>
</tr>
</tbody>
</table>

SECTION 14: TRANSPORTATION INFORMATION

<table>
<thead>
<tr>
<th>Shipping Name</th>
<th>UN Number</th>
<th>Shipping Class</th>
<th>Packing Group</th>
<th>Marine Pollutant DOT</th>
<th>Marine Pollutant IMDG</th>
<th>EMS #</th>
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<tbody>
<tr>
<td>Not regulated</td>
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SECTION 15: REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>OSHA Hazards</th>
<th>SARA 302</th>
<th>SARA 313</th>
<th>SARA 311/312</th>
<th>Acute Health</th>
<th>Chronic Health</th>
<th>Fire</th>
<th>Sudden Release</th>
</tr>
</thead>
</table>
SECTIONS 16: OTHER INFORMATION

This material should be used only by personnel trained in good laboratory practices and in handling hazardous substances.

The above information has been gathered from various technical sources and is believed to be accurate to the best of our knowledge but does not claim to be all inclusive. The data given is for informational purposes only and is intended to be used by personnel with the appropriate technical training to properly interpret the data. Since storage conditions and the way the product is used are out of our control, we make NO EXPRESSED OR IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS, OR OTHERWISE.