Section 1: Identification

Product identifier

Product Name • Oil Base Sweeping Compound
Synonyms • No2 Oil Base
SDS Number/Grade • POS-863

Relevant identified uses of the substance or mixture and uses advised against

Recommended use • Use on concrete floors in warehouses, stores, garages and shop areas. Holds down dust during sweeping.

Details of the supplier of the safety data sheet

Manufacturer • Floor Master, Inc.
PO Box 627
Rossville, GA 30741
United States
floormasterinc.net
floormaster@bellsouth.net

Telephone (General) • 423-867-4525

Emergency telephone number

Manufacturer • 423-413-2875

Section 2: Hazard Identification

United States (US)
According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012 • Unlikely in this form, no data
Skin Sensitization 1
Respiratory Sensitization 1
Carcinogenicity 1A
Specific Target Organ Toxicity Repeated Exposure 1

Label elements

OSHA HCS 2012

DANGER

Hazard statements • May cause an allergic skin reaction
• May cause allergy or asthma symptoms or breathing difficulties if inhaled
• May cause cancer.
• Causes damage to organs through prolonged or repeated exposure.

Precautionary statements
Prevention

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe dust.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
In case of inadequate ventilation wear respiratory protection.

Response

IF INHALED:
If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
If on skin: Wash with plenty of water.
Specific treatment, see supplemental first aid information.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
IF exposed or concerned: Get medical advice/attention.
Get medical advice/attention if you feel unwell.

Storage/Disposal

Store locked up.
Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Other hazards

OSHA HCS 2012


Section 3 - Composition/Information on Ingredients

Substances

Material does not meet the criteria of a substance.

Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Identifiers</th>
<th>%</th>
<th>LD50/LC50</th>
<th>Classifications According to Regulation/Directive</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sawdust</td>
<td>NDA</td>
<td>17%</td>
<td>NDA</td>
<td>OSHA HCS 2012: Comb. Dust; Carc. 1A; STOT RE 1 - Lungs; Resp. Sens. 1; Skin Sens. 1</td>
<td>NDA</td>
</tr>
<tr>
<td>Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts</td>
<td>CAS:68649-42-3</td>
<td>4%</td>
<td>NDA</td>
<td>OSHA HCS 2012: Not Classified</td>
<td>NDA</td>
</tr>
<tr>
<td>Red Dye</td>
<td>NDA</td>
<td>0.03%</td>
<td>NDA</td>
<td>OSHA HCS 2012: Community Workplace Exposure Limits</td>
<td>NDA</td>
</tr>
<tr>
<td>Chlorine</td>
<td>CAS:7782-50-5</td>
<td>0.0008%</td>
<td>Inhalation-Rat LC50 • 293 ppm 1 Hour(s)</td>
<td>OSHA HCS 2012: Exposure Limits</td>
<td>NDA</td>
</tr>
</tbody>
</table>

Section 4: First-Aid Measures

Description of first aid measures
Inhalation

- **IF INHALED:** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.

Skin

- In case of contact with substance, immediately flush skin with running water for at least 20 minutes. If irritation develops and persists, get medical attention.

Eye

- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.

Ingestion

- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended.

**Most important symptoms and effects, both acute and delayed**

- Refer to Section 11 - Toxicological Information.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician**

- Immediate medical attention after exposure to this material not expected to be necessary. No special treatment indicated related to exposure to this material.

---

**Section 5: Fire-Fighting Measures**

**Extinguishing media**

- Suitable Extinguishing Media: LARGE FIRE: Water spray, fog or regular foam. SMALL FIRES: Dry chemical, CO2, water spray or regular foam.
- Unsuitable Extinguishing Media: No data available

**Special hazards arising from the substance or mixture**

- Unusual Fire and Explosion Hazards: None known.
- Hazardous Combustion Products: No data available

**Advice for firefighters**

- Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters’ protective clothing will only provide limited protection.

---

**Section 6 - Accidental Release Measures**

**Personal precautions, protective equipment and emergency procedures**

- Personal Precautions: No special personal precautions necessary.
- Emergency Procedures: Contain spill, avoid unnecessary personnel and equipment traffic in spilled area.

**Environmental precautions**

- No special environmental precautions necessary.

**Methods and material for containment and cleaning up**

- Containment/Clean-up Measures: Avoid generating dust. Carefully shovel or sweep up spilled material and place in suitable container.

---

**Section 7 - Handling and Storage**

**Precautions for safe handling**

- Handling: Minimize dust generation and accumulation. Keep away from heat and ignition sources – No Smoking. Do not breathe dust. Avoid prolonged and repeated contact with the skin. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

**Conditions for safe storage, including any incompatibilities**
Storage

- Keep container closed. Store in a cool, dry, well-ventilated place.

Section 8 - Exposure Controls/Personal Protection

Control parameters

<table>
<thead>
<tr>
<th></th>
<th>Exposure Limits/Guidelines</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ACGIH</td>
</tr>
<tr>
<td>Chlorine (7782-50-5)</td>
<td></td>
</tr>
<tr>
<td>Ceilings</td>
<td>Not established</td>
</tr>
<tr>
<td>STELs</td>
<td>1 ppm STEL</td>
</tr>
<tr>
<td>TWAs</td>
<td>0.5 ppm TWA</td>
</tr>
<tr>
<td>Sawdust as Particulates not otherwise classified (PNOC)</td>
<td>10 mg/m³ TWA (inhaled particles, recommended); 3 mg/m³ TWA (inhaled particles, recommended)</td>
</tr>
<tr>
<td>TWAs</td>
<td>as Particulates not otherwise classified (PNOC)</td>
</tr>
<tr>
<td></td>
<td>1 mg/m³ TWA (inhaled fraction)</td>
</tr>
<tr>
<td></td>
<td>as Wood dusts (all other wood dusts)</td>
</tr>
</tbody>
</table>

Exposure controls

Engineering Measures/Controls

- Ensure that dust handling systems (such as exhaust ducts, dust collectors, vessels and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is not leakage from the equipment). It is recommended that dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion supression system or an oxygen-deficient environment. Use proper ventilation while grinding.

Personal Protective Equipment

Respiratory

- For limited exposure use an N95 dust mask. For prolonged exposure use an air-purifying respirator with high efficiency particulate air (HEPA) filters. Follow the OSHA respirator regulations found in 29 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or symptoms are experienced.

Eye/Face

- Wear safety goggles.

Skin/Body

- Wear appropriate gloves. Wear long sleeves and/or protective coveralls.

Environmental Exposure Controls

- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Follow best practice for site management and disposal of waste.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

NIOSH = National Institute of Occupational Safety and Health

OSHA = Occupational Safety and Health Administration

STEL = Short Term Exposure Limits are based on 15-minute exposures

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures
Material Description

<table>
<thead>
<tr>
<th>Physical Form</th>
<th>Solid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance/Description</td>
<td>Moist, red solid with furniture like odor.</td>
</tr>
<tr>
<td>Color</td>
<td>Red</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>Odor</td>
<td>Smells like furniture polish.</td>
</tr>
</tbody>
</table>

General Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>400°F (204.4°C)</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Specific Gravity/Relative Density</td>
<td>No data available</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>No data available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No data available</td>
</tr>
</tbody>
</table>

Flammability

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point</td>
<td>125°F (51.6°C) PMCC (Pensky-Martins Closed Cup)</td>
</tr>
<tr>
<td>UEL</td>
<td>No data available</td>
</tr>
<tr>
<td>LEL</td>
<td>No data available</td>
</tr>
<tr>
<td>Autoignition</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not Flammable.</td>
</tr>
</tbody>
</table>

Environmental

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Octanol/Water Partition coefficient</td>
<td>No data available</td>
</tr>
</tbody>
</table>

Section 10: Stability and Reactivity

Reactivity

- No dangerous reaction known under conditions of normal use.

Chemical stability

- Stable under normal temperatures and pressures.

Possibility of hazardous reactions

- Hazardous polymerization will not occur.

Conditions to avoid

- Excess heat.

Incompatible materials

- Strong Oxidizers.

Hazardous decomposition products

- None known.

Section 11 - Toxicological Information

Information on toxicological effects

<table>
<thead>
<tr>
<th>GHS Properties</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>OSHA HCS 2012 • No data available</td>
</tr>
<tr>
<td>Aspiration Hazard</td>
<td>OSHA HCS 2012 • No data available</td>
</tr>
</tbody>
</table>
## Potential Health Effects

### Inhalation

**Acute (Immediate)**
- Exposure to dust may cause irritation. Processes such as cutting, grinding, crushing, or impact may result in generation of excessive amounts of airborne dusts in the workplace. Nuisance dust may affect the lungs but reactions are typically reversible. Wood dust (generated from sawing, sanding or machining the product) may cause nasal dryness, irritation, coughing and sinusitis.

**Chronic (Delayed)**
- Prolonged exposure to the dust may cause wheezing, chest tightness, productive cough nasal irritation and symptoms of chronic respiratory disease. Wood dust, depending on the species, may cause respiratory sensitization with prolonged, repetitive contact or exposure to elevated dust levels.

### Skin

**Acute (Immediate)**
- Exposure to dust may cause mechanical irritation. May cause skin sensitization. Symptoms include redness, and skin rash.

**Chronic (Delayed)**
- No data available.

### Eye

**Acute (Immediate)**
- Exposure to dust may cause mechanical irritation. Excessive concentrations of nuisance dust in the workplace may reduce visibility and may cause unpleasant deposits in eyes.

**Chronic (Delayed)**
- No data available.

### Ingestion

**Acute (Immediate)**
- Excessive concentrations of nuisance dust in the workplace may cause mechanical irritation to mucous membranes.

**Chronic (Delayed)**
- No data available

### Carcinogenic Effects

- According to its Twelfth Report on Carcinogens NTP states, "many case reports and epidemiological studies (including cohort studies and case-control studies that specifically addressed nasal cancer) have found a strong association between exposure to wood dust and cancer of the nasal cavity. Strong and consistent associations with cancer of the nasal cavity and paranasal sinuses were observed both in studies of people whose occupations were associated with wood-dust exposure and in studies that directly estimated wood dust exposure." IARC has most recently concluded that "there is sufficient evidence in humans for the carcinogenicity of wood dust. Wood dust causes cancer of the nasal cavity and paranasal sinuses and of the nasopharynx."

### Carcinogenic Effects Table

<table>
<thead>
<tr>
<th>Carcinogenic Effects</th>
<th>CAS</th>
<th>IARC</th>
<th>NTP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sawdust as Wood dust, all soft and hard woods</td>
<td>NDA</td>
<td>Group 1-Carcinogenic</td>
<td>Known Human Carcinogen</td>
</tr>
</tbody>
</table>

## Section 12 - Ecological Information
Toxicity

- Non-mandatory section - information about this substance not complied for this reason.

Persistence and degradability

- Non-mandatory section - information about this substance not complied for this reason.

Bioaccumulative potential

- Non-mandatory section - information about this substance not complied for this reason.

Mobility in Soil

- Non-mandatory section - information about this substance not complied for this reason.

Other adverse effects

- Non-mandatory section - information about this substance not complied for this reason.

Section 13 - Disposal Considerations

Waste treatment methods

Product waste
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

<table>
<thead>
<tr>
<th>DOT</th>
<th>UN number</th>
<th>UN proper shipping name</th>
<th>Transport hazard class(es)</th>
<th>Packing group</th>
<th>Environmental hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>NDA</td>
<td>Not Regulated</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
<td></td>
</tr>
</tbody>
</table>

Special precautions for user
- None known.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
- Not relevant.

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications
- Acute, Chronic

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>Canada DSL</th>
<th>Canada NDSL</th>
<th>TSCA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlorine</td>
<td>7782-50-5</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts</td>
<td>68649-42-3</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Zinc</td>
<td>7440-66-6</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>
### Canada

#### WHMIS - Classifications of Substances
- Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts 68649-42-3 Not Listed
- Chlorine 7782-50-5 A, D1A, E
- Zinc 7440-66-6 Not Listed

#### Ingredient Disclosure List
- Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts 68649-42-3 Not Listed
- Chlorine 7782-50-5 1%
- Zinc 7440-66-6 Not Listed

### Environment

#### CEPA - Priority Substances List
- Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts 68649-42-3 Not Listed
- Chlorine 7782-50-5 Not Listed
- Zinc 7440-66-6 Not Listed

### United States

#### WHMIS - Classifications of Substances
- Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts 68649-42-3 Not Listed
- Chlorine 7782-50-5 1500 lb TQ
- Zinc 7440-66-6 Not Listed

#### Specifically Regulated Chemicals
- Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts 68649-42-3 Not Listed
- Chlorine 7782-50-5 Not Listed
- Zinc 7440-66-6 Not Listed

#### CERCLA/SARA - Hazardous Substances and their Reportable Quantities
- Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts 68649-42-3 Not Listed
- Chlorine 7782-50-5 10 lb final RQ; 4.54 kg final RQ
- Zinc 7440-66-6 Not Listed

- Chlorine 7782-50-5 10 lb final RQ; 4.54 kg final RQ
- Zinc 7440-66-6 Not Listed

### Environment

#### CERCLA/SARA - Radionuclides and their Reportable Quantities
- Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts 68649-42-3 Not Listed
- Chlorine 7782-50-5 Not Listed

#### CERCLA/SARA - Radionuclides and their Reportable Quantities
- Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts 68649-42-3 Not Listed
- Chlorine 7782-50-5 Not Listed
Oil Base Sweeping Compound

- Zinc

**U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs**
- Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts 68649-42-3 Not Listed
- Chlorine 7782-50-5 10 lb EPCRA RQ
- Zinc 7440-66-6 Not Listed

**U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs**
- Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts 68649-42-3 Not Listed
- Chlorine 7782-50-5 100 lb TPQ
- Zinc 7440-66-6 Not Listed

**U.S. - CERCLA/SARA - Section 313 - Emission Reporting**
- Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts 68649-42-3 Not Listed
- Chlorine 7782-50-5 1.0 % de minimis concentration
- Zinc 7440-66-6 1.0 % de minimis concentration (dust or fume only)

**U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing**
- Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts 68649-42-3 Not Listed
- Chlorine 7782-50-5 Not Listed
- Zinc 7440-66-6 Not Listed

---

**United States - California**

**Environment**

**U.S. - California - Proposition 65 - Carcinogens List**
- Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts 68649-42-3 Not Listed
- Chlorine 7782-50-5 Not Listed
- Zinc 7440-66-6 Not Listed

**U.S. - California - Proposition 65 - Developmental Toxicity**
- Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts 68649-42-3 Not Listed
- Chlorine 7782-50-5 Not Listed
- Zinc 7440-66-6 Not Listed

**U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)**
- Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts 68649-42-3 Not Listed
- Chlorine 7782-50-5 Not Listed
- Zinc 7440-66-6 Not Listed

**U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)**
- Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts 68649-42-3 Not Listed
- Chlorine 7782-50-5 Not Listed
- Zinc 7440-66-6 Not Listed

**U.S. - California - Proposition 65 - Reproductive Toxicity - Female**
- Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts 68649-42-3 Not Listed
- Chlorine 7782-50-5 Not Listed
- Zinc 7440-66-6 Not Listed

**U.S. - California - Proposition 65 - Reproductive Toxicity - Male**
- Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts 68649-42-3 Not Listed
- Chlorine 7782-50-5 Not Listed

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Preparation Date: 11/May/2015
Revision Date: 11/May/2015
Page 9 of 10
Format: OSHA HCS 2012
OSHA HCS Language: English (US)
Section 16 - Other Information

Last Revision Date
- 11/May/2015

Preparation Date
- 11/May/2015

Disclaimer/Statement of Liability
- Please provide disclaimer.

Key to abbreviations
NDA = No data available