



SAFETY DATA SHEET

Date of Issue: May 2015

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Oil Base Sweeping Compound	Manufacturer Information:	Concrete Polishing Solutions
Synonyms:	No2 Oil Base		P.O. Box 520
			Norris, TN 37828
SDS Number/Grade:	POS-863	General Information:	(877) 472-8200
Product Details:	Concrete chemical hardener, sealer and densifier.	Emergency Phone:	(865) 544-9400
		Trans. Emergency Phone:	INFOTRAC: 800-535-5053
<i>Recommended use a, Use on concrete floors in warehouses, stores, garages and shop areas. Holds down dust during sweeping..</i>			Outside USA: Call collect 1-352-323-3500
			For Medical Emergency: Call 1-800-535-5053

SECTION 2: HAZARD IDENTIFICATION

GHS CLASSIFICATIONS

Carcinogenicity	Category 1A
Respiratory Sensitization	Category 1
Skin Sensitization	Category 1
Target organ toxicity repeated exposure	Category 1

GHS LABEL



Health hazard



Exclamation mark

SIGNAL WORD: 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 STATEMENT(S)

Prevention:

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe dust.
Wash thorough1 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 & 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 Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation
Sawdust	NDA	17%	NDA	OSHA HCS 2012: Comb. Dust; Carc 1A; STOT RE1 - Lungs; Resp. Sens. 1; Skin Sens:1
Phosphorodithioic Adic, O O-di-C1-14-alkyl esters, zinc salts	CAS:688649-42-3	4%	NDA	OSHA HCS 2012: Not Classified
Red Dye	NDA	.03%	NDA	OSHA HCS 2012: Comunity Workplace Exposure Limits
Cholrine	CAS: 7782-50-5	.0008%	Inhalations-Rat LC50 293pp, 1 Hr	PSHA HCS 2012: Exposure Limits

SECTION 4: 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 vidim is not breathing. If 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 necessargr 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 medieall amention and special treatment needed: 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: LARGE FIRE: Water spray, fog or regular foam. SMALL FIRES: Dry chemical, C02, water spray or regular foam.

HAZARDOUS COMBUSTION PRODUCTS: No Data Available.

EXPLOSION HAZARDS: None Known.

FIRE FIGHTING EQUIPMENT: Exposed firefighters must wear NISOH-approved positive pressure self-contained breathing apparatus with full-face mask and full protective clothing.

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 Avoid generating dust. Carefully shovel or sweep up spilled material and place in suitable container.

SECTION 7: HANDLING AND STORAGE

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

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

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits/Guidelines				
	Result	ACGIH	NIOSH	OSHA
Chlorine (7782-50-5)	Ceilings	Not established	0.5 ppm Ceiling (15 min); 1.45 mg/m3 Ceiling (15 min)	1 ppm Ceiling; 3 mg/m3 Ceiling
	STELs	1 ppm STEL	Not established	Not established
	TWA's	0.5 ppm TWA	Not established	Not established
Sawdust as Particulates not otherwise classified (PNOC)	TWA's	10 mg/m3 TWA (inhalable particles, recommended); 3 mg/m3 TWA (respirable particles, recommended) <i>as Particulates not otherwise classified (PNOC)</i> 1 mg/m3 TWA (inhalable fraction) <i>as Wood dusts (all other wood dusts)</i>	1 mg/m3 TWA <i>as Wood dust, all soft and hard woods</i>	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction) <i>as Particulates not otherwise classified (PNOC)</i>

ENGINEERING 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

EYES AND FACE: Wear safety glasses or goggles.

SKIN: Wear impervious gloves. Cover exposed skin.

RESPIRATORY: For limited exposure use an N95 dust mask. For prolon ed exposure use an airpurifying respirator with high efficiency particulate air (H il PA) filters. Follow the OSHA respirator regulations found in 29 CFR 1910.134. Use a NIOSHISHA approved respirator if exposure limits are exceeded or symptoms are experienced.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Material Description			
Physical Form	Solid	Appearance/Description	Moist, red solid with furniture like odor.
Color	Red	Odor	Smells like furniture polish.
Odor Threshold	No data available		
General Properties			
Boiling Point	No data available	Melting Point	No data available
Decomposition Temperature	400 F(204.4444 C) Approximately	pH	No data available
Specific Gravity/Relative Density	No data available	Water Solubility	Insoluble
Viscosity	No data available		
Volatility			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available		
Flammability			
Flash Point	125 F(51.6667 C) PMCC (Pensky-Martins Closed Cup)	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	Not Flammable.		
Environmental			
Octanol/Water Partition coefficient	No data available		

SECTION 10: STABILITY AND REACTIVITY

STABILITY: No dangerous reaction known under conditions of normal use.

REACTIVITY: Can be caused by elevated temperatures.

CONDITIONS TO AVOID: Excess Heat

HAZARDOUS DECOMPOSITION PRODUCTS: None Known

INCOMPATIBLE MATERIALS: Strong oxidizing agents

HAZARDOUS REACTIONS: Hazardous polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012 • No data available
Aspiration Hazard	OSHA HCS 2012 • No data available
Carcinogenicity	OSHA HCS 2012 • Carcinogenicity 1A
Germ Cell Mutagenicity	OSHA HCS 2012 • No data available
Skin corrosion/Irritation	OSHA HCS 2012 • No data available
Skin sensitization	OSHA HCS 2012 • Skin Sensitizer 1
STOT-RE	OSHA HCS 2012 • Specific Target Organ Toxicity Repeated Exposure 1
STOT-SE	OSHA HCS 2012 • No data available
Toxicity for Reproduction	OSHA HCS 2012 • No data available
Respiratory sensitization	OSHA HCS 2012 • Respiratory Sensitizer 1
Serious eye damage/Irritation	OSHA HCS 2012 • No data available

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			
	CAS	IARC	NTP
Sawdust as Wood dust, all soft and hard woods	NDA	Group 1-Carcinogenic	Known Human Carcinogen

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

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

	UN number	UN proper shipping name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	NDA	Not Regulated	NDA	NDA	NDA

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

Inventory				
Component	CAS	Canada DSL	Canada NDSL	TSCA
Chlorine	7782-50-5	Yes	No	Yes
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	68649-42-3	Yes	No	Yes
Zinc	7440-66-6	Yes	No	Yes

Canada

Labor

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

Canada - WHMIS - 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

Canada - 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

Labor

U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

• 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

U.S. - OSHA - 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

Environment

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

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

U.S. - 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 454 kg final RQ (no reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is >100 µm); 1000 lb final RQ (no reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is >100 µm)
• Zinc	7440-66-6	

U.S. - 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

• Zinc	7440-66-6	Not Listed
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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

• Zinc	7440-66-6	Not Listed
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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

Disclaimer:

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