

Section 1 - Identification

Product Name: **S.P.D.[®] Drain Opener** A granular caustic cleaner. Revised: 5/14/15

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Section 2 - Hazards Identification

Hazard categories: Skin Corrosion/Irritation 1; Eye Corrosion/Irritation 1; Corrosive to metals 1

Hazard statements: Causes severe skin burns and serious eye damage.
May be corrosive to metals.

Signal word: Danger

Pictogram: Corrosion

Precautionary statements

Prevention

Do not breath dusts or mists. Wear protective gloves such as latex.

Wear eye protection such as safety glasses with side shields.

Wash hands thoroughly after handling. Keep only in original container.

Response

IF SWALLOWED: Rinse mouth. Do not induce vomiting.

IF ON SKIN (OR HAIR): Take off immediately all contaminated clothing before reuse. Rinse skin with water. Wash contaminated clothing before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER for medical advice.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER.

Absorb spillage to prevent material damage.

Storage: Store in corrosive resistant container with a resistant inner liner. Store locked up.

Disposal: Dispose of contents in accordance with local, regional, national, and international regulations.

**Section 3 - Composition / Information on Ingredients**

Ingredient	C.A.S. No.	Concentration
Potassium hydroxide	1310-58-3	77%
Sodium hydroxide	1310-73-2	19%
Sodium Bicarbonate	144-55-8	2%

The remaining ingredients are not reportable as described in Appendix D to Sec. 1910.1200 Table D.1.

Section 4 - First Aid Measures

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing, lifting upper and lower eyelids occasionally. Immediately call a POISON CENTER. If water from a drain treated with S.P.D. splashes into eyes a rinse with water for at least a few minutes is suggested. If there is any irritation after rinsing, get medical attention.

Skin Contact: Immediately brush granules off skin and wash exposed area with soap and water. If irritation has begun, flush exposed area with running water. Granules will penetrate clothing and shoes after prolonged contact. Brush granules off clothing. If penetration has begun, remove contaminated clothing and shoes. If there is any irritation after rinsing, get medical attention. Wash contaminated clothing before reuse.

Inhalation: If affected, move exposed person to fresh air. If irritation persists get medical attention.

Ingestion: If the product is swallowed, do NOT induce vomiting. If affected person is conscious, give a glass of water or milk to drink. Get medical attention immediately.

Section 5 - Fire-Fighting Measures

Extinguishing Media: Any

Special Fire Fighting Procedures: None.

Unusual Fire And Explosion Hazards: None.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: If dry, sweep up and dispose of down drain with plenty of water. If wet and sticky, wipe, mop or scoop up into a clean container.

Section 7 - Handling and Storage

Empty containers retain product residue and may be hazardous. Product absorbs moisture from the air. Keep containers closed and sealed. Addition to water generates heat which may cause boiling and spattering. Add

slowly to water. Never add to hot water. Never add S.P.D. to a drain containing an acid drain opener or add an acid drain opener to a drain containing S.P.D. After using, examine clothing, cuffs and shoes for spilled product and brush off. If penetration has begun, remove clothing and launder or discard before wearing again.

Section 8 - Exposure Controls / Personal Protection

Ingredient	C.A.S. No.	Concentration	TWA(source)	STEL	Ceiling
Potassium Hydroxide	1310-58-3	77%	2 mg/m ³ (2)	None	2 mg/m ³ (3,4)
Sodium Hydroxide	1310-73-2	19%	2 mg/m ³ (2)	-	2 mg/m ³ (3,4)

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hour Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous
Ingredients not shown either have no known limits or are below reportable levels in section 3 above.

Ventilation: None.

Respiratory Protection: None required when used according to label directions.

Gloves: Wear latex or neoprene gloves.

Eye Protection: Safety glasses with side shields.

Other Protective Equipment: None required when used according to label directions.

Section 9 - Physical and Chemical Properties

Appearance and Odor: A green granular solid with pine odor.	
Odor Threshold: Not Available	Vapor Pressure: Not Applicable.
pH: 1% solution: 13.5 ± 0.5	Vapor Density: Not Applicable.
Melting Point: Not Available	Relative Density (Specific Gravity): 2.2
Freezing Point: Not Available	Solubility(ies): Water: 100%
Boiling Point, Initial: 1,392° F..	Partition coefficient: Not Available
Boiling Range: Not Available	Auto-ignition Temperature: Not Available
Flash Point: None. (ASTM D-56 closed cup)	Decomposition Temperature: Not Available
Evaporation Rate: Not Applicable.	Viscosity: Same as water.-
Flammability: (solid, gas): Not flammable	Volatiles Percent: 1%
Upper Explosive Limit: None	V.O.C.: 0% - 0 grams/liter
Lower Explosive Limit: None	

Section 10 - Stability and Reactivity

Incompatibility: Will react with magnesium and aluminum generating heat and a small amount of hydrogen gas.

Hazardous Decomposition Products: None

Section 11 - Toxicological Information

Primary Routes of Entry: Skin contact; Skin absorption; Inhalation; Ingestion

Potential Health Effects:

Eyes - solid causes severe damage and may cause blindness very rapidly.

Skin - while dry the protective coating provides considerable protection. When wet or moist it causes skin damage and possible deep ulcerations which may require skin grafting. There is little or no effect if rinsed off thoroughly right away.

Swallowing - results in severe damage to mucous membranes and deep tissues and can result in death upon penetration to vital areas.

Breathing - coating prevents most dust, however excessive inhalation of dust may cause irritation of nose and throat, and possible respiratory damage, bronchitis, emphysema.

Section 12 - Ecological Information

Do not dispose of in the environment.

Section 13 - Disposal Considerations

Waste Disposal Method: If product can not be used as directed, dispose of 5 pounds or less at a time by flushing down sanitary sewer with plenty of water.

Section 14 - Transport Information

D.O.T. Hazard Class: More than 21 ounces weight: Potassium Hydroxide, Solid, 8, UN 1813, P.G. II
21 ounces weight or less: Consumer Commodity ORM-D.

Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

Section 16 - Other Information

NFPA: H:2 F:0 I:1 **HMIS® III:** H:3 F:0 P:1 These ratings estimates are to be used only with a fully implemented training program in the workplace. NFPA® is a mark registered by the NFPA. HMIS® is a mark registered by the NPCA.

Replaces sheet dated 4/28/15. Revised **IF IN EYES** statement.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.