

**Section 1 - Identification**Product Name: **Smokehouse Cleaner SD** A liquid alkaline detergent. Revised: 6/12/15

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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

Keep only in original container. Do not breath dusts or mists.

Wash hands thoroughly after handling. Wear protective gloves such as latex.

Wear eye protection such as safety glasses with side shields.

Response**IF SWALLOWED:** Rinse mouth. Do not induce vomiting**IF ON SKIN (OR HAIR):** Take off immediately all contaminated clothing. 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
Water	7732-18-5	68%
Sodium hydroxide	1310-73-2	26%
Potassium hydroxide	1310-58-3	2%
D-Glucopyranose, oligometric, decyl, octyl glycoside	68515-73-1	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.**Skin Contact:** Immediately flush exposed skin with running water. Remove contaminated clothing and shoes immediately. If irritation persists, get medical attention. Wash contaminated clothing before reuse. If spilled solutions are allowed to remain on clothing or in shoes, considerable damage to skin can occur over time.**Inhalation:** Move the affected person to fresh air. If irritation persists get medical attention.**Ingestion:** If the product is swallowed, do NOT induce vomiting. If the 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:** Small spills of a few gallons may be cleaned up with a rag or mop or flushed to a sanitary sewer with plenty of water. Larger spills should be diked to prevent spreading and then collected into clean pails or drums.**Section 7 - Handling and Storage**

Empty containers retain product residue and may be hazardous. Observe all precautions given in this data sheet. Keep from freezing. Do not weld or cut on or around drums or totes. The vapors inside may be flammable.

## Section 8 - Exposure Controls / Personal Protection

Ingredient	C.A.S. No.	Concentration	TWA(source)	STEL	Ceiling
Potassium Hydroxide	1310-58-3	26%	2 mg/m <sup>3</sup> (2)	None	2 mg/m <sup>3</sup> (3,4)
Sodium Hydroxide	1310-73-2	2%	2 mg/m <sup>3</sup> (2)	-	2 mg/m <sup>3</sup> (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:** Good room ventilation. Mechanical ventilation is normally not required.

**Respiratory Protection:** None except when spraying overhead or any use where mist/spray is generated and the above exposure limits will be exceeded. Use a NIOSH respirator approved for caustic solutions.

**Gloves:** Use rubber or latex gloves when handling. Do not use disposable latex gloves.

**Eye Protection:** Wear safety glasses with side shields. Overhead spraying requires, at minimum, goggles or a face shield, or if considerable spray will fall on the user, full head and body protection.

**Other Protective Equipment:** An eyewash station should be located within 10 seconds travel time of concentrate use/mixing areas. Wear an apron when hand pouring concentrate. The use of aprons, boots and impervious clothing should be evaluated. Their use would be indicated if splashing of the solution is likely.

## Section 9 - Physical and Chemical Properties

<b>Appearance and Odor:</b> A tan liquid with mild odor.	
<b>Odor Threshold:</b> Not Available	<b>Vapor Pressure:</b> Not Available
<b>pH:</b> concentrate 13.5 ± 0.5	<b>Vapor Density:</b> Not Available
<b>Melting Point:</b> Not Available	<b>Relative Density (Specific Gravity):</b> 1.4
<b>Freezing Point:</b> Not Available	<b>Solubility(ies):</b> Water: 100%
<b>Boiling Point, Initial:</b> 215° F.	<b>Partition coefficient:</b> Not Available
<b>Boiling Range:</b> Not Available	<b>Auto-ignition Temperature:</b> Not Available
<b>Flash Point:</b> None. (ASTM D-56 closed cup)	<b>Decomposition Temperature:</b> Not Available
<b>Evaporation Rate:</b> ~1 (Water = 1)	<b>Viscosity:</b> Same as water.-
<b>Flammability: (solid, gas):</b> Not Applicable	<b>Volatiles Percent:</b> 65%
<b>Upper Explosive Limit:</b> None	<b>V.O.C.:</b> 0% - 0 grams/liter
<b>Lower Explosive Limit:</b> None	

## Section 10 - Stability and Reactivity

**Incompatibility:** None

**Hazardous Decomposition Products:** None

## Section 11 - Toxicological Information

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

**Potential Health Effects:**

**Eyes** - concentrate and strong solutions cause eye damage. Milder solutions cause irritation and redness.

**Skin** - prolonged contact with concentrate and strong solutions can cause skin damage and loss. There is little or no effect if rinsed off thoroughly right away. Milder solutions cause irritation only.

**Swallowing** - may result in damage to mucous membranes and gastrointestinal irritation.

**Breathing** - excessive inhalation of mist or spray can cause coughing and irritation of nose and throat.

## Section 12 - Ecological Information

Do not dispose of unusable product in the environment. Be sure to comply with all applicable regulations.

## Section 13 - Disposal Considerations

**Waste Disposal Method:** Dispose of up to 2 gallons of concentrate in the sanitary sewer with a large amount of water. Larger amounts must be neutralized to within the pH limits of your waste water treatment system.

## Section 14 - Transport Information

**D.O.T. Hazard Class:** Corrosive liquid, basic, inorganic, n.o.s. (contains potassium hydroxide and sodium hydroxide), 8 UN 3266, P.G. II

## Section 15 - Regulatory Information

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

## Section 16 - Other Information

**NFPA:** H:3 F:0 I:0 **HMIS® III:** H:3 F:1 P:0 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. Corrections to GHS statements section and other clarification.

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.