

### 1. Product and Company Identification

<b>Product Code:</b>	1350	
<b>Product Name:</b>	Steam Cleaner Concentrate	
<b>Company Name:</b>	SUNBELT LABORATORIES	<b>Phone Number:</b>
	P.O. BOX 1563	(281)261-4747
	STAFFORD, TX 77497	
<b>Web site address:</b>	www.sunbelt-labs.com	
<b>Emergency Contact:</b>	CHEM-TEL	(800)255-3924

### 2. Hazards Identification

#### Skin Corrosion/Irritation, Category 1A



<b>GHS Signal Word:</b>	<b>Danger</b>
<b>GHS Hazard Phrases:</b>	Causes severe skin burns and eye damage.
<b>GHS Precaution Phrases:</b>	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
<b>GHS Response Phrases:</b>	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical attention/advice. Immediately call a POISON CENTER or doctor/physician. Specific treatment see ... on this label. Wash contaminated clothing before reuse.
<b>GHS Storage and Disposal Phrases:</b>	Store locked up. Dispose of contents/container to ...
<b>OSHA Regulatory Status:</b>	This material is classified as hazardous under OSHA regulations.
<b>Potential Health Effects (Acute and Chronic):</b>	Prolonged or repeated skin contact may cause dermatitis.  Chronic: Effects may be delayed.
<b>Inhalation:</b>	May be harmful if inhaled.
<b>Skin Contact:</b>	Causes skin burns. May cause skin irritation.
<b>Eye Contact:</b>	May be harmful if absorbed through the skin. Causes eye burns. May cause eye irritation.
<b>Ingestion:</b>	Causes severe pain, nausea, vomiting, diarrhea, and shock. May cause systemic effects. May be harmful if swallowed. Causes burns.



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### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
1310-73-2	Sodium hydroxide	10.0 -20.0 %	
18662-53-8	Nitrilotriacetic acid, Trisodium salt monohydrate	0.1 -2.0 %	
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	0.1 -2.0 %	
68025-51-4	Phosphate ester	0.1 -1.0 %	

### 4. First Aid Measures

#### Emergency and First Aid

##### Procedures:

<b>In Case of Inhalation:</b>	If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If breathed in, move person into fresh air.
<b>In Case of Skin Contact:</b>	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid immediately. Wash clothing before reuse. Wash off with soap and plenty of water. Consult a physician.
<b>In Case of Eye Contact:</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid immediately. Continue rinsing eyes during transport to hospital. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>In Case of Ingestion:</b>	Get medical aid immediately. Never give anything by mouth to an unconscious person. If swallowed, wash out mouth with water provided person is conscious. Call a physician. Do NOT induce vomiting. Rinse mouth with water. Consult a physician.
<b>Signs and Symptoms Of Exposure:</b>	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. burning sensation, Cough, Wheezing, Laryngitis, Shortness of breath.
<b>Note to Physician:</b>	Treat symptomatically and supportively. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

### 5. Fire Fighting Measures

<b>Flash Pt:</b>	NE
<b>Explosive Limits:</b>	LEL: No data. UEL: No data.
<b>Autoignition Pt:</b>	No data.
<b>Suitable Extinguishing Media:</b>	Substance is noncombustible; use agent most appropriate to extinguish surrounding fire.
<b>Fire Fighting Instructions:</b>	Use water spray to keep fire-exposed containers cool. Use water with caution and in flooding amounts. Further information: The product itself does not burn.
<b>Flammable Properties and Hazards:</b>	No data available.
	No data available.



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### 6. Accidental Release Measures

**Steps To Be Taken In Case Material Is Released Or Spilled:** Use proper personal protective equipment as indicated in Section 8.  
 Spills/Leaks: Avoid runoff into storm sewers and ditches which lead to waterways. Do not get water on spilled substances or inside containers. **PROCEDURE(S) OF PERSONAL PRECAUTION(S)**  
 Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.  
 Do not let product enter drains.

### 7. Handling and Storage

**Precautions To Be Taken in Handling:** Do not get in eyes, on skin, or on clothing. Keep container tightly closed. Avoid ingestion and inhalation. Discard contaminated shoes. Use only with adequate ventilation.

**Precautions To Be Taken in Storing:** Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from metals. Corrosives area. Keep away from acids. Store protected from moisture. Containers must be tightly closed to prevent the conversion of NaOH to sodium carbonate by the CO<sub>2</sub> in air. Suitable: Keep tightly closed. Keep container tightly closed in a dry and well-ventilated place.

### 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1310-73-2	Sodium hydroxide	PEL: 2 mg/m <sup>3</sup>	CEIL: 2 mg/m <sup>3</sup>	No data.
18662-53-8	Nitritotriacetic acid, Trisodium salt monohydrate	No data.	No data.	No data.
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	No data.	No data.	No data.
68025-51-4	Phosphate ester	No data.	No data.	No data.

**Respiratory Equipment (Specify Type):** No data available.

**Eye Protection:** Face shield and safety glasses.

**Protective Gloves:** Wear appropriate protective gloves to prevent skin exposure. Handle with gloves.

**Other Protective Clothing:** Wear appropriate protective clothing to prevent skin exposure. Choose body protection according to the amount and concentration of the dangerous substance at the work place.

**Engineering Controls (Ventilation etc.):** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Safety shower and eye bath. Use only in a chemical fume hood.

**Work/Hygienic/Maintenance Practices:** Wash thoroughly after handling. Discard contaminated clothing and shoes. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.



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### 9. Physical and Chemical Properties

<b>Physical States:</b>	[ ] Gas [ X ] Liquid [ ] Solid
<b>Appearance and Odor:</b>	Clear, Amber. None reported.
<b>pH:</b>	13.2
<b>Melting Point:</b>	NE
<b>Boiling Point:</b>	> 212.00 F (100.0 C)
<b>Flash Pt:</b>	NE
<b>Evaporation Rate:</b>	< 1
<b>Flammability (solid, gas):</b>	No data available.
<b>Explosive Limits:</b>	LEL: No data. UEL: No data.
<b>Vapor Pressure (vs. Air or mm Hg):</b>	< 1
<b>Vapor Density (vs. Air = 1):</b>	< 1
<b>Specific Gravity (Water = 1):</b>	1.14 at 77.0 F (25.0 C)
<b>Solubility in Water:</b>	Soluble
<b>Percent Volatile:</b>	87.0 % by volume.
<b>Autoignition Pt:</b>	No data.
<b>Corrosion Rate:</b>	NE

### 10. Stability and Reactivity

<b>Stability:</b>	Unstable [ ] Stable [ X ]
<b>Conditions To Avoid - Instability:</b>	No data available.
<b>Incompatibility - Materials To Avoid:</b>	Water, Metals. acids, Aluminum, Zinc, gelatin, nitromethane, leather, flammable liquids, organic halogens. Strong oxidizing agents, Strong acids, Lead. Tin/tin oxides.
<b>Hazardous Decomposition or Byproducts:</b>	Toxic fumes of sodium oxide, Carbon monoxide, Carbon dioxide, Nitrogen oxides, formed under fire conditions. Sodium oxides, silicon oxides.
<b>Possibility of Hazardous Reactions:</b>	Will occur [ ] Will not occur [ X ]
<b>Conditions To Avoid - Hazardous Reactions:</b>	Product will not undergo polymerization.



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### 11. Toxicological Information

**Toxicological Information:** Epidemiology: No information found.  
 Teratogenicity: No information available. Reproductive Effects: Mutagenicity: See actual entry in RTECS for complete information.  
 Neurotoxicity:

**Irritation or Corrosion:** Skin - rabbit - Severe skin irritation - -24 h.

**Carcinogenicity/Other Information:** CAS# 1310-73-2: Not listed by ACGIH, IARC, NTP, or CA Prop 65. Carcinogenicity.  
 IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.  
 ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.  
 NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.  
 OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
1310-73-2	Sodium hydroxide	n.a.	n.a.	n.a.	n.a.
18662-53-8	Nitilotriacetic acid, Trisodium salt monohydrate	Possible	2B	n.a.	n.a.
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	n.a.	n.a.	n.a.	n.a.
68025-51-4	Phosphate ester	n.a.	n.a.	n.a.	n.a.

### 12. Ecological Information

**Persistence and Degradability:** No data available.

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** No data available.

### 13. Disposal Considerations

**Waste Disposal Method:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.  
 RCRA P-Series: None listed.  
 RCRA U-Series: None listed. APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.  
 Product:  
 Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging:  
 Dispose of as unused product.

### 14. Transport Information

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Sodium hydroxide solution. Compounds, cleaning liquid.

**DOT Hazard Class:** 8 CORROSIVE

**UN/NA Number:** NA1760 **Packing Group:** II


**LAND TRANSPORT (Canadian TDG):**

**TDG Shipping Name:** SODIUM HYDROXIDE, SOLID.

**AIR TRANSPORT (ICAO/IATA):**

**ICAO/IATA Shipping Name:** Sodium hydroxide solution. mixture.

### 15. Regulatory Information

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
1310-73-2	Sodium hydroxide	No	Yes 1000 LB	No
18662-53-8	Nitritotriacetic acid, Trisodium salt monohydrate	No	No	No
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	No	No	No
68025-51-4	Phosphate ester	No	No	No

**This material meets the EPA**  Yes  No Acute (immediate) Health Hazard  
**'Hazard Categories' defined**  Yes  No Chronic (delayed) Health Hazard  
**for SARA Title III Sections**  Yes  No Fire Hazard  
**311/312 as indicated:**  Yes  No Sudden Release of Pressure Hazard  
 Yes  No Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1310-73-2	Sodium hydroxide	TSCA: Inventory
18662-53-8	Nitritotriacetic acid, Trisodium salt monohydrate	
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	TSCA: Inventory
68025-51-4	Phosphate ester	TSCA: Inventory

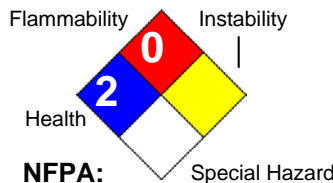
### 16. Other Information

**Revision Date:** 06/10/2015

**Hazard Rating System:**

<b>HEALTH</b>		<b>2</b>
<b>FLAMMABILITY</b>		<b>0</b>
<b>REACTIVITY</b>		<b>1</b>
<b>PPE</b>		

**HMIS:**



**Additional Information About** No data available.

**This Product:**

**Company Policy or**

**Disclaimer:**

DISCLAIMER: To the best of our knowledge, the information contained herein is accurate. There is no assumption of liability for accuracy contained within this information. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination



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with any other materials or in any process, unless specified in the text.