

**Section 1. Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Product Form	Mixture
Trade Name	SEASONOX
Product Code	SOX

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

Use Industrial. For professional use only.

**1.2.2 Uses Advised Against**

No additional information available

**1.3 Details of the supplier of the safety data sheet**

Manufacturer	Supplier
--------------	----------

NOX-CRETE, INC.  
1444 SOUTH 20<sup>TH</sup> STREET  
OMAHA, NE 68108  
Tel: 402-341-2080  
Fax: 402-341-9752  
E-Mail: [corporate@nox-crete.com](mailto:corporate@nox-crete.com)  
Web Site: [www.nox-crete.com](http://www.nox-crete.com)

**1.4 Emergency telephone number**

Emergency Number	Chemtrec (800) 424-9300 Chemtrec Outside of U.S. 703-527-3887
------------------	--

**Section 2. Hazards identification****2.1 Classification of the substance or mixture**

Met. Corr. 1	H290
Skin Corr. 1A	H314

Full text of H phrases see section 16

**Adverse physicochemical, human health and environmental effects**

No additional information available

**2.2 Label elements**

Hazard pictograms



Signal word

**Danger**

Hazard statements

H290 - May be corrosive to metals  
H314 - Causes severe skin burns and eye damage

Precautionary statements

Prevention:

P234 - Keep only in original container  
P260 - Do not breathe dust/fume/gas/mist/vapors/spray



According to Regulation 29 CFR 1910.1200, Regulation (EC) No. 1272/2008 (CLP)(GHS), *Hazardous Products Regulation (HPR)* (WHMIS 2015)

Response: P264 - Wash exposed areas thoroughly after handling  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection  
 P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting  
 P303+P361+P353 - IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower  
 P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P305+P310 - IF IN EYES: Immediately call a POISON CENTER or doctor/physician  
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing  
 Disposal: P362 - Take off contaminated clothing and wash before reuse  
 P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

**2.3 Other hazards**

None known

Full text of H and P phrases: see section 16

**Section 3. Composition / information on ingredients**

**3.1 Substances**

Not applicable

**3.2 Mixture**

Classification according to Regulations 29CFR 1910.1200, (EC) No. 1272/2008(CLP)(GHS)

Name	Product identifier	%
Sodium Hydroxide solution	1310-73-2	15--40

Pursuant to 29CFR 1910.1200(i) the specific chemical identity (and / or) concentration may be withheld as Trade Secret, while all health and safety properties and effects are included in the SDS. Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).

**Section 4. First aid measures**

**4.1 Description of first aid measures**

**First-aid measures general**

Get medical advice/attention if you feel unwell. Never give anything by mouth to an unconscious person.

**First-aid measures after inhalation**

If the individual experiences nausea, dizziness, has difficulty in breathing seek a healthcare professional immediately. In all cases of doubt, or when symptoms persist, seek medical advice. Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a Poison Center or doctor/physician.

**First-aid measures after skin contact**

If skin irritation persists, seek medical attention. Remove or take off immediately all contaminated clothing. Rinse skin with water or shower. Wash off immediately with soap and plenty of water.



<b>First-aid measure after eye contact</b>	When contact lenses are worn, remove if possible. In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes while holding eyelids apart. Get medical attention immediately.
<b>First-aid measures after ingestion</b>	Rinse mouth. DO NOT induce vomiting. Get medical attention immediately.
<b>4.2 Most important symptoms and effects, acute and delayed</b>	
<b>Symptoms/injuries after inhalation</b>	May cause irritation to the respiratory tract. Overexposure to vapors may result in headache, nausea, drowsiness or dizziness.
<b>Symptoms/injuries after skin contact</b>	May cause skin irritation or burning sensation
<b>Symptoms/injuries after eye contact</b>	May cause eye irritation or injury
<b>Symptoms/injuries after ingestion</b>	May cause severe irritation or burns to the mucous membrane of the mouth, throat, esophagus and stomach
<b>4.3 Indication of any immediate medical attention and special treatment needed</b>	
No additional information available	

## Section 5. Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.  
Dry chemical, foam carbon dioxide

#### Unsuitable extinguishing media

Do not use heavy water stream

### 5.2 Special hazards arising from the substance or mixture

#### Reactivity

Thermal decomposition products may cause a health hazard.

### 5.3 Advice for firefighters

#### Firefighting instructions

Use water spray or fog to cool exposed containers.

#### Protective equipment for firefighters

Firefighters should wear self-contained breathing apparatus (SCBA) and full protective gear when fighting any chemical fire.

#### Other information

On heating or burning harmful gasses/vapors may be released.  
This product may cause the floor to become slippery.

## Section 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### General measures

Dike or impound spilled material. Take proper precautions to ensure your own health and safety before attempting spill control or cleanup

#### 6.11 Protective Equipment

Equip cleanup crew with proper protective equipment.

### 6.2 Environmental precautions

Prevent entry to sewers and public waters.

Notify authorities if liquid enters sewers or public waters.

### 6.3 Methods and materials for containment and cleaning up

#### Methods for cleaning up

Soak up spills with inert solids, such as clay or diatomaceous earth.  
Collect into vapor tight containers and dispose of properly.

## Section 7. Handling and storage

### 7.1 Precautions for safe handling

#### Protective measures

Wash hands and other exposed areas with soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in work areas to prevent formation of vapor. When not in use keep containers tightly closed. Avoid breathing vapor or mist.

#### Hygiene measures

Wash contaminated clothing before reuse.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage conditions

Store in accordance with local regulations. Store in original container in a cool well-ventilated place. Keep containers tightly closed until ready for use.



According to Regulation 29 CFR 1910.1200, Regulation (EC) No. 1272/2008 (CLP)(GHS), *Hazardous Products Regulation (HPR)* (WHMIS 2015)

**Incompatible materials**

Flammable hydrogen gas and heat may be produced on prolonged contact with metals such as aluminum, tin, lead, zinc and galvanized metals.

**Storage temperature**

Seasonox begins to congeal and crystalize at 14 degrees F. If the solution does freeze due to cold weather, it should be completely thawed and then mixed thoroughly before use.

**Section 8. Exposure controls/personal protection**

**8.1 Control parameters**

**Occupational exposure limits**

Ingredient name	Occupational exposure limits ACGIH TLV (United States, 2/2010)
Sodium Hydroxide solution	Not Established

**8.2 Exposure controls**

**Appropriate engineering controls**

Use with adequate ventilation to keep product vapor concentrations below specified TLV

**Eye and face protection**

Chemical goggles and/or face shields are recommended to prevent potential eye contact, irritation or injury.

**Skin protection**

Wear chemical resistant gloves and appropriate protective clothing and boots as required to prevent skin contact. Wash exposed skin frequently with soap and water. Soiled clothing should be laundered before reuse.

**Respiratory protection**

General room ventilation is normally adequate. Avoid breathing the product mist or vapors. The use of an appropriate respirator is recommended whenever the airborne concentrations exceed the TLV.

**Section 9. Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

<b>Appearance</b>	Colorless liquid
<b>Odor</b>	Mild
<b>Odor Threshold</b>	No data available
<b>PH</b>	No data available
<b>Melting point</b>	No data available
<b>Freezing point</b>	-10 C (14 F)
<b>Boiling point</b>	100 C (212 F)
<b>Flash point</b>	Not applicable
<b>Relative evaporation rate (butyl acetate=1)</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Upper/lower explosive limits</b>	No data available
<b>Vapor pressure</b>	No data available
<b>Vapor density</b>	No data available
<b>Relative density (Specific gravity)</b>	1.1 Kg per Liter 9.2 Lbs per Gallon
<b>Solubility</b>	Water: Soluble
<b>Partition coefficient n-octanol/water</b>	No data available
<b>Auto-ignition temperature</b>	Not applicable
<b>Viscosity</b>	No data available
<b>VOC content</b>	No data available

**Section 10. Stability and reactivity**

**10.1 Reactivity**

No additional information available

**10.2 Chemical stability**

Stable under normal conditions

According to Regulation 29 CFR 1910.1200, Regulation (EC) No. 1272/2008 (CLP)(GHS), *Hazardous Products Regulation* (HPR) (WHMIS 2015)**10.3 Possibility of hazardous reactions****10.4 Conditions to avoid****10.5 Incompatible materials**

Hazardous polymerization will not occur.

Extreme high or low temperatures. Avoid freezing

Flammable hydrogen gas and heat may be produced on prolonged contact with metals such as aluminum, tin, lead, zinc and galvanized metals.

**10.6 Hazardous decomposition products**

No data available

**Section 11. Toxicology information****11.1 Information on toxicological effects****Acute toxicity****Irritation/Corrosion** Skin  
Eyes

No adverse effects expected under intended use.

May cause serious skin irritation and damage.

May cause serious eye irritation and damage.

**Respiration or skin sensitization**

May cause respiratory irritation

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

No component of this product present at levels greater than 0.1 % is identified as a carcinogen by the U.S. National Toxicology Program, the U.S. Occupational Safety and Health Act, or the International Agency on Research on Cancer (IARC)

**Reproductive toxicity**

No data available

**Specific target organ toxicity**

Single exposure

No data available

Repeated exposure

No data available

**Aspiration hazard**

No data available

**Section 12. Ecological information****12.1 Ecotoxicity**

No data available

**12.2 Persistence and degradability**

Readily biodegradable when tested in accordance with the OECD 301 /EPA OPPTS 835.3110 test protocols.

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Other adverse effects**

Avoid release to the environment

**SECTION 13. Disposal Considerations****13.1 Waste treatment methods**

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all applicable local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

**SECTION 14. Transport information**

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

**14.1 UN number**

UN1760

**14.2 UN proper shipping name**

Corrosive liquid, n.o.s., (sodium hydroxide),

**14.3 Transport hazard class(es)**

8

**14.4 Packing group**

III

**14.5 Environmental hazards**

No additional information available

**14.6 Special precautions for user****14.7 Transport in bulk according to****Annex II of MARPOL 73/78 and the IBC Code** No additional information available**14.8 Transport in bulk according to****CFR 49 173.15**

Not applicable



**SECTION 15. Regulatory information**

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

**15.1.2 USA Regulations**

**Section 313**

**TSCA**

**Proposition 65**

Contains no ingredients at or above the De Minimus reporting level  
All ingredients are listed or exempted  
None of the ingredients is listed

**15.1.3 Canada Regulations**

This SDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR.  
All ingredients are listed or exempted

**DSL**

**WHMIS**

**15.2 Chemical safety assessment**

A Chemical Safety Assessment has not been carried out.

**Section 16. Other information**

Date of issue	7-17-2023
Version	3.0
Number	530
Date of previous issue	7-17-2020
Preparer	Nox-Crete, Inc.
<u>Reference Documentation</u>	

The information and recommendations contained herein are, to the best of Nox-Crete, Inc.'s knowledge and belief, accurate and reliable as of the date issued. You can contact Nox-Crete, Inc. to ensure that this document is the most current available from Nox-Crete, Inc. The information and recommendations are offered for the buyer's/user's consideration and examination. It is the buyer's/user's responsibility to satisfy themselves that the product is suitable for the intended use. Appropriate warnings and safe-handling procedures should be provided to all handlers and users. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Since the information provided herein may have been obtained in part from independent laboratories or other sources not under our direct supervision, no representation is made that the information is accurate, reliable, complete or representative and buyer/user may rely thereon only at their risk. We have made no effort to censor or to conceal deleterious aspects of this product. Further, since we cannot anticipate or control the many different conditions under which this information or our products may be used, we make no guarantee that the health and/or safety precautions we have suggested will be adequate for all individuals and /or situations involving its handling or use. Likewise, we make no guarantee or warranty of any kind that the use or disposal of this product is in compliance with all federal, state or local laws. It is the obligation of each buyer/user of the product mentioned herein to determine and comply with the requirements of all applicable statutes. If buyer/user repackages this product, it is the buyer's/user's responsibility to ensure proper health, safety and other necessary information is included with and/or on the container. Nox-Crete, Inc. urges each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with this product. Alteration of this document is strictly prohibited. Except to the extent required by law, re-publication or retransmission of this document, in whole or in part is not permitted.

**Full text of H and P phrases**

Skin Corr. 1B - Skin corrosion, hazard category 1B	H314
Met. Corr. 1 - Corrosive to metals, hazard category	H290

- H290 - May be corrosive to metals
- H314 - Causes severe skin burns and eye damage



According to Regulation 29 CFR 1910.1200, Regulation (EC) No. 1272/2008 (CLP)(GHS), *Hazardous Products Regulation* (HPR) (WHMIS 2015)

---

- P234 - Keep only in original container
- P260 - Do not breathe dust/fume/gas/mist/vapors/spray
- P264 - Wash exposed areas thoroughly after handling
- P280 - Wear protective gloves/protective clothing/eye protection/face protection
- P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
- P303+P361+P353 - IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower
- P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+P310 - IF IN EYES: Immediately call a POISON CENTER or doctor/physician
- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing
- P362 - Take off contaminated clothing and wash before reuse
- P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.