

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

Product Form	Mixture
Trade Name	Tag X
Product Code	TX

**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
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NOX-CRETE MANUFACTURING 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
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**Section 2. Hazards identification****2.1 Classification of the substance or mixture**

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

Flam Liq. 3	H226
Met. Corr. 1	H290
Acute Tox. 4 (oral)	H302
Skin Corr. 1B	H314
Eye Dam. 1	H318
STOT SE 3 drowsiness	H336

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**

H226 - Flammable liquid and vapor  
H290 - May be corrosive to metals  
H302 - Harmful if swallowed  
H314 - Causes severe skin burns and eye damage  
H318 - Causes serious eye damage  
H336 - May cause drowsiness or dizziness

**Precautionary statements****Prevention:**

P210 - Keep away from heat/sparks/open flames/hot surfaces-No smoking  
P233- Keep container tightly closed  
P241 - Use explosion-proof electrical/ventilating/light/equipment  
P242 - Use only non-sparking tools  
P243 - Take precautionary measures against static discharge  
P260 - Do not breathe dust/fume/gas/mist/vapors/spray  
P264 - Wash exposed areas thoroughly after handling  
P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection

**Response:**

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
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  
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.  
Rinsing  
P363 - Wash contaminated clothing before reuse.  
P370+P378 - In case of fire: Use Dry chemical, foam, carbon dioxide for extinction  
P403+P235+P233 - Store in a cool well ventilated place. Keep container tightly closed.  
P405 - Store locked up.  
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

**Storage:****Disposal:****2.3 Other hazards**

None known

**Section 3. Composition / information on ingredients****3.1 Substances**

Not applicable

**3.2 Mixture**

Name	Product identifier	%
Pottasium Hydroxide Solution	1310-58-3	Trade Secret
Proprietary Solvent Blend	Trade Secret	Trade Secret

Pursuant to 29CFR 1910.1200(i) the specific chemical identity (and / or) concentration is being withheld as Trade Secret, while all health and safety properties and effects are included in the SDS.

Full text of H and P phrases: see section 16

**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.

**First-aid measure after eye contact**

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.

**First-aid measures after ingestion**

Rinse mouth. DO NOT induce vomiting. Get medical attention immediately.

**4.2 Most important symptoms and effects, acute and delayed****Symptoms/injuries after inhalation**

May cause irritation to the respiratory tract. Overexposure to vapors may result in headache, nausea, drowsiness or dizziness.

**Symptoms/injuries after skin contact**

May cause skin irritation or burning sensation

**Symptoms/injuries after eye contact**

May cause eye irritation or injury

**Symptoms/injuries after ingestion**

May cause severe irritation or burns to the mucous membrane of the mouth, throat, esophagus and stomach

**4.3 Indication of any immediate medical attention and special treatment needed**

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.

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

**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 For non-emergency personnel

**Emergency procedures** Evacuate unnecessary personnel.

#### 6.12 For emergency responders

**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. Keep from freezing.

**Incompatible materials** Organic and inorganic bases. Flammable hydrogen gas and heat may be released on prolonged contact with metals such as aluminum, tin, lead and galvanized metals.

**Storage temperature** Prevent exposure to freezing temperatures.

**7.3 Specific end uses** No additional information available

## Section 8. Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limits

Ingredient name	Occupational exposure limits ACGIH TLV (United States, 2/2010)
Pottasium Hydroxide Solution	2 mg/m3 TLV
Proprietary Solvent Blend	100 ppm 8 hours TWA

### 8.2 Exposure controls

**Appropriate engineering controls** Use with adequate ventilation to keep product vapor concentrations below specified TLV

<b>Eye and face protection</b>	Chemical goggles and/or face shields are required to prevent potential eye contact, irritation or injury.
<b>Skin protection</b>	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.
<b>Respiratory protection</b>	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>	Brown thick liquid
<b>Odor</b>	Slight
<b>Odor Threshold</b>	No data available
<b>PH</b>	No data available
<b>Melting point</b>	No data available
<b>Freezing point</b>	No data available
<b>Boiling point</b>	100 C (212 F)
<b>Flash point</b>	46 C (115 F)
<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>	1.25 Kg per Liter 10.4 Lbs per Gallon
<b>Solubility</b>	Water: Complete
<b>Partition coefficient n-octanol/water</b>	No data available
<b>Auto-ignition temperature</b>	Not applicable
<b>Decomposition temperature</b>	No data available
<b>Viscosity</b>	No data available
<b>Explosive properties</b>	Not applicable
<b>Oxidizing properties</b>	Not applicable

### 9.2 Other information

<b>VOC content</b>	No data available
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## Section 10. Stability and reactivity

<b>10.1 Reactivity</b>	No additional information available
<b>10.2 Chemical stability</b>	Stable under normal conditions
<b>10.3 Possibility of hazardous reactions</b>	Hazardous polymerization will not occur.
<b>10.4 Conditions to avoid</b>	Extreme high or low temperatures. Avoid freezing
<b>10.5 Incompatible materials</b>	
<b>10.6 Hazardous decomposition products</b>	Combustion may produce Carbon Monoxide ,Carbon Dioxide and Nitrous Oxide from incomplete combustion.

## Section 11. Toxicology information

### 11.1 Information on toxicological effects

<b>Acute toxicity</b>	No adverse effects expected under intended use.
<b>Irritation/Corrosion Skin</b>	May cause skin irritation

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

<b>Eyes</b>	May causes serious eye irritation and damage.
<b>Respiration or skin sensitization</b>	May cause respiratory irritation
<b>Germ cell mutagenicity</b>	Not classified
<b>Carcinogenicity</b>	Not classified
<b>Reproductive toxicity</b>	Not classified
<b>Specific target organ toxicity</b>	
<b>Single exposure</b>	Not classified
<b>Repeated exposure</b>	Not classified
<b>Aspiration hazard</b>	Not classified

**Section 12. Ecological information**

<b>12.1 Toxicity</b>	Not established
<b>12.2 Persistence and degradability</b>	Not established
<b>12.3 Bioaccumulative potential</b>	Not established
<b>12.4 Mobility in soil</b>	No additional information available
<b>12.5 Results of PBT and vPvB assessment</b>	No additional information available
<b>12.6 Other adverse effects</b>	Avoid release to the environment

**SECTION 13. Disposal Considerations**

<b>13.1 Waste treatment methods</b>	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.
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**SECTION 14. Transport information**

<b>In accordance with DOT</b>	
<b>14.1 UN number</b>	UN1814
<b>14.2 UN proper shipping name</b>	Potassium Hydroxide Solution
<b>14.3 Transport hazard class(es)</b>	8
<b>14.4 Packing group</b>	II
<b>In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA</b>	
<b>14.1 UN number</b>	UN2920
<b>14.2 UN proper shipping name</b>	CORROSIVE LIQUID, FLAMMABLE, N.O.S., (POTASSIUM HYDROXIDE, 1-METHOXY-2-PROPANOL)
<b>14.3 Transport hazard class(es)</b>	8 (3)
<b>14.4 Packing group</b>	II
<b>14.5 Environmental hazards</b>	No additional information available
<b>14.6 Special precautions for user</b>	
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	No additional information available

**SECTION 15. Regulatory information**

<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
<b>15.1.2 USA Regulations</b>	
<b>Section 313</b>	None of the ingredients is listed
<b>TSCA</b>	All ingredients are listed
<b>Proposition 65</b>	None of the ingredients is listed



chemical solutions  
to concrete problems

# TAG X Safety Data Sheet

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

## Carcinogenic Categories

EPA	None of the ingredients is listed
IARC	None of the ingredients is listed
TLV (ACGIH)	None of the ingredients is listed
NIOSH	None of the ingredients is listed
OSHA	None of the ingredients is listed

### 15.1.3 Canada Regulations

This SDS has been prepared according to the hazard criteria of the *Hazardous Products Regulation* (HPR) (WHMIS 2015) and the SDS contains all of the information required by the HPR.

### DSL

This product complies with DSL

### 15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

## Section 16. Other information

Date of issue	9-9-2015
Version	2.0
Number	766
Date of previous issue	1-15-2015
Preparer	Nox-Crete Manufacturing Inc.

### Reference Documentation

The information contained herein is based on data available to us and is believed to be correct. Since this information 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 may rely thereon only at Buyers 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 user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

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### Full text of H, P and EUH phrases

Flam Liq. 3	H226
Met. Corr. 1	H290
Acute Tox. 4 (oral)	H302
Skin Corr. 1B	H314
Eye Dam. 1	H318
STOT SE 3 drowsiness	H336

H226 - Flammable liquid and vapor

H290 - May be corrosive to metals

H302 - Harmful if swallowed



H314 - Causes severe skin burns and eye damage

H318 - Causes serious eye damage

H336 - May cause drowsiness or dizziness

P210 - Keep away from heat/sparks/open flames/hot surfaces-No smoking

P233- Keep container tightly closed

P241 - Use explosion-proof electrical/ventilating/light/equipment

P242 - Use only non-sparking tools

P243 - Take precautionary measures against static discharge

P260 - Do not breathe dust/fume/gas/mist/vapors/spray

P264 - Wash exposed areas thoroughly after handling

P271 - Use only outdoors or in a well-ventilated area.

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

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

P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

P363 - Wash contaminated clothing before reuse.

P370+P378 - In case of fire: Use Dry chemical, foam, carbon dioxide for extinction

P403+P235+P233 - Store in a cool well ventilated place. Keep container tightly closed.

P405 - Store locked up.

P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.