

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

Product Form	Mixture
Trade Name	Kem-Ex-It Plus
Product Code	KXP

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

Use	Industrial. For professional use only.
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**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 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

**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. 4      H227

Skin Corr. 1B      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

Hazard statements

**Danger**

H227 - Combustible liquid

H314 - Causes severe skin burns and eye damage

Precautionary statements

Prevention:

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

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

Response:	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 P370+P378 - In case of fire: Use Dry chemical, foam, carbon dioxide for extinction
Storage:	P403+P235 - Store in a well ventilated place. Keep cool.
Disposal:	P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

**2.3 Other hazards**

None known

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

Not applicable

**3.2 Mixture**

Name	Product identifier	%
Phosphoric Acid Solution	Trade Secret	Trade Secret
Ethoxylated Alcohol	CAS # 78330-21-9	1--5
Isobutanol	CAS # 201-148-0	1--5

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.

<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

<b>Suitable extinguishing media</b>	Use fire-extinguishing media appropriate for surrounding materials. Dry chemical, foam carbon dioxide
<b>Unsuitable extinguishing media</b>	Do not use heavy water stream

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

<b>Reactivity</b>	Thermal decomposition products may cause a health hazard.
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### 5.3 Advice for firefighters

<b>Firefighting instructions</b>	Use water spray or fog to cool exposed containers.
<b>Protective equipment for firefighters</b>	Firefighters should wear self-contained breathing apparatus (SCBA) and full protective gear when fighting any chemical fire.
<b>Other information</b>	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

<b>General measures</b>	Dike or impound spilled material. Take proper precautions to ensure your own health and safety before attempting spill control or cleanup
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#### 6.11 For non-emergency personnel

<b>Emergency procedures</b>	Evacuate unnecessary personnel.
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#### 6.12 For emergency responders

<b>Protective equipment</b>	Equip cleanup crew with proper protective equipment.
<b>6.2 Environmental precautions</b>	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

<b>Methods for cleaning up</b>	Soak up spills with inert solids, such as clay or diatomaceous earth. Collect into vapor tight containers and dispose of properly.
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## Section 7. Handling and storage

### 7.1 Precautions for safe handling

<b>Protective measures</b>	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.
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**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**  
be

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)
Isobutanol	TWA 200 ppm
Phosphoric Acid Solution	TWA 1mg/m3
Ethoxylated Alcohol	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 required 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**

Appearance	Colorless liquid
Odor	Mild
Odor Threshold	No data available
PH	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	100 C (212 F)
Flash point	>60 C (140 F) < 93 C (200 F)
Relative evaporation rate (butyl acetate=1)	No data available
Flammability (solid, gas)	No data available
Upper/lower explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density (Specific gravity)	1.18 Kg per Liter 9.8 Lbs per Gallon
Solubility	Water: Complete
Partition coefficient n-octanol/water	No data available
Auto-ignition temperature	Not applicable

Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	Not applicable
Oxidizing properties	Not applicable
<u>9.2 Other information</u>	
VOC content	No data available

**Section 10. Stability and reactivity**

<u>10.1 Reactivity</u>	No additional information available
<u>10.2 Chemical stability</u>	Stable under normal conditions
<u>10.3 Possibility of hazardous reactions</u>	Hazardous polymerization will not occur.
<u>10.4 Conditions to avoid</u>	Extreme high or low temperatures. Avoid freezing
<u>10.5 Incompatible materials</u>	
<u>10.6 Hazardous decomposition products</u>	Carbon Monoxide Carbon Dioxide

**Section 11. Toxicology information**

<u>11.1 Information on toxicological effects</u>	
Acute toxicity	No adverse effects expected under intended use.
Irritation/Corrosion	May cause skin irritation
Skin	
Eyes	May cause serious eye irritation and damage.
Respiration or skin sensitization	May cause respiratory irritation
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity	
Single exposure	Not classified
Repeated exposure	Not classified
Aspiration hazard	Not classified

**Section 12. Ecological information**

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

**SECTION 13. Disposal Considerations**

<u>13.1 Waste treatment methods</u>	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**

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

<u>14.1 UN number</u>	UN1760
<u>14.2 UN proper shipping name</u>	CORROSIVE LIQUID, N.O.S.,(CONTAINS PHOSPHORIC ACID)
<u>14.3 Transport hazard class(es)</u>	8 Corrosive substances

**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**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**

None of the ingredients is listed

**TSCA**

All ingredients are listed

**Proposition 65**

This product contains one or more chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

**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 Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR.

**DSL**

This product complies with DSL

**WHMIS****15.2 Chemical safety assessment**

A Chemical Safety Assessment has not been carried out.

**Section 16. Other information**

Date of issue

2-5-2015

Version

2.1

Number

518

Date of previous issue

3-25-2014

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 Buyer's 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

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