Section 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier
Product Form: Mixture
Trade Name: RELEASE AGENT 15 (450)
Product Code: R15450

1.2 Relevant identified uses of the substance or mixture and uses advised against
Use: Industrial. For professional use only.

1.3 Details of the supplier of the safety data sheet
Manufacturer:
NOX-CRETE MANUFACTURING INC
1444 SOUTH 20TH STREET
OMAHA, NE 68108
Tel: 402-341-2080
Fax: 402-341-9752
E-Mail: corporate@nox-crete.com
Web Site: 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

H227 - Combustible liquid
H304- May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H320 - Causes eye irritation
H332 - Harmful if inhaled
H336 - May cause drowsiness or dizziness

Full text of H phrases see section 16
Adverse physiochemical, human health and environmental effects
No additional information available

2.2 Label elements
Hazard pictograms

Signal word: Danger

Hazard statements
H227 - Combustible liquid
H304- May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H320 - Causes eye irritation
H332 - Harmful if inhaled
H336 - May cause drowsiness or dizziness

Precautionary statements

Prevention:
- P210- Keep away from heat/sparks/open flames/hot surfaces-No smoking
- P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
- P264 - Wash exposed skin 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.
- P302+P352 - IF ON SKIN: Wash with plenty of soap and water
- P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- 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.
- P331 - Do NOT induce vomiting
- P332+P313 - If skin irritation occurs: Get medical advice/attention
- P362 - Take off contaminated clothing and wash before reuse.
- P337+P313 - If eye irritation persists: Get medical advice/attention
- 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.
- P405 - Store locked up.

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

2.3 Other hazards
None known

Full text of R, H and EUH phrases: see section 16

Section 3. Composition / information on ingredients

3.1 Substances
Not applicable

3.2 Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Distillates, Hydrotreated</td>
<td>Trade Secret</td>
<td>Trade Secret</td>
</tr>
</tbody>
</table>

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.

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
**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

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**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.

**Firefighting instructions**

Combustible Liquid! This material releases vapors when heated above ambient temperatures. Vapors can cause a flash fire. Use water spray or fog to cool exposed containers.

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

**Protective equipment for firefighters**

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

**Other information**

---

**Section 6. Accidental release measures**

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

**General measures**

Eliminate any ignition sources. 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**
Release Agent 15 (450) Safety Data Sheet


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.

Incompatible materials
Acids, prolonged contact with aluminum, brass, bronze, copper, lead, tin, zinc or other alkali sensitive metals or alloys

Storage temperature
Store in a cool dry environment away from sources of ignition.

Section 8. Exposure controls/personal protection

8.1 Control parameters
Occupational exposure limits

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Occupational exposure limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Distillates, Hydrotreated</td>
<td>TWA: 5 mg/m3 8 hours as mist</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear to pale straw liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>PH</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>150°C (300°F)</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 60°C (140°F) &lt;93°C (200°F)</td>
</tr>
<tr>
<td>Relative evaporation rate (butyl acetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Upper/lower explosive limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density (Specific gravity)</td>
<td>0.84 Kg per Liter 7.0 Lbs per Gallon</td>
</tr>
<tr>
<td>Solubility</td>
<td>Water: Negligible</td>
</tr>
<tr>
<td>Partition coefficient n-octanol/water</td>
<td>No data available</td>
</tr>
</tbody>
</table>
### Section 10. Stability and reactivity

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.1</td>
<td>Reactivity</td>
</tr>
<tr>
<td>10.2</td>
<td>Chemical stability</td>
</tr>
<tr>
<td>10.3</td>
<td>Possibility of hazardous reactions</td>
</tr>
<tr>
<td>10.4</td>
<td>Conditions to avoid</td>
</tr>
<tr>
<td>10.5</td>
<td>Incompatible materials</td>
</tr>
<tr>
<td>10.6</td>
<td>Hazardous decomposition products</td>
</tr>
</tbody>
</table>

#### Auto-ignition temperature
- Not applicable

#### Viscosity
- No data available

#### VOC content
- Less than 450 grams per liter

### Section 11. Toxicology information

#### Information on toxicological effects

<table>
<thead>
<tr>
<th>Toxicity Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>No adverse effects expected under intended use.</td>
</tr>
<tr>
<td>Irritation/Corrosion</td>
<td></td>
</tr>
<tr>
<td>Skin</td>
<td>May cause skin irritation</td>
</tr>
<tr>
<td>Eyes</td>
<td>May causes serious eye irritation and damage.</td>
</tr>
<tr>
<td>Respiration or skin sensitization</td>
<td>May cause respiratory irritation</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>No data available</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>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)</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>No data available</td>
</tr>
<tr>
<td>Specific target organ toxicity</td>
<td></td>
</tr>
<tr>
<td>Single exposure</td>
<td>No data available</td>
</tr>
<tr>
<td>Repeated exposure</td>
<td>No data available</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>May be fatal if swallowed and enters airways</td>
</tr>
</tbody>
</table>

### Section 12. Ecological information

<table>
<thead>
<tr>
<th>Ecological aspect</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ecotoxicity</td>
<td>Not established</td>
</tr>
<tr>
<td>Persistence and degradability</td>
<td>Not established</td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>Not established</td>
</tr>
<tr>
<td>Mobility in soil</td>
<td>No additional information available</td>
</tr>
<tr>
<td>Other adverse effects</td>
<td>Avoid release to the environment</td>
</tr>
</tbody>
</table>

### Section 13. Disposal Considerations

<table>
<thead>
<tr>
<th>Disposal Consideration</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waste treatment methods</td>
<td>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.</td>
</tr>
</tbody>
</table>

### Section 14. Transport information

<table>
<thead>
<tr>
<th>Transport Information</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA</td>
<td></td>
</tr>
<tr>
<td>14.1 UN number</td>
<td>Not dangerous goods in sense of transport regulations.</td>
</tr>
<tr>
<td>Under 119 US gallons, single container</td>
<td>UN1268, Petroleum Distillates.N.O.S., PG III</td>
</tr>
<tr>
<td>14.2 UN proper shipping name</td>
<td>NMFC# 50244</td>
</tr>
</tbody>
</table>
14.3 Transport hazard class(es)
Under 119 US gallons, single container: Not applicable
Over 119 US gallons, single container: 3

14.4 Packing group
Under 119 US gallons, single container: Not applicable
Over 119 US gallons, single container: PG III

14.5 Environmental hazards
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
CFR 49 173.15: Not applicable

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: Contains no ingredients at or above the De Minimus reporting level
TSCA: All ingredients are listed or exempted
Proposition 65: 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: All ingredients are listed or exempted

15.2 Chemical safety assessment
A Chemical Safety Assessment has not been carried out.

Section 16. Other information

Date of issue: 10-5-2015
Version: 2.0
Number: 823
Date of previous issue
Preparer: Nox-Crete Manufacturing Inc.

Reference Documentation
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Full text of R, H and EUH phrases
H227 - Combustible liquid
H304- May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H320 - Causes eye irritation
H332 - Harmful if inhaled
H336 - May cause drowsiness or dizziness
Flam Liq. 4
Asp. Tox. 1
Skin Irrit. 2
Eye Irrit. 2B
Acute Tox. 4 (inhalation)
STOT SE 3 drowsiness

P210 - Keep away from heat/sparks/open flames/hot surfaces-No smoking
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P264 - Wash exposed skin thoroughly after handling
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