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

1.1 Product identifier
Product Form: Mixture
Trade Name: BLAST-OFF
Product Code: BO

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
Skin Corr. 1B H314
Eye Dam. 1 H318
Acute Tox. 4 H332
Repr. 1B H360

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
H314 - Causes severe skin burns and eye damage
H318 - Causes serious eye damage
H332 - Harmful if inhaled
H360 - May damage fertility or the unborn child
Precautionary statements

P201: Obtain special instructions before use
P202: Do not handle until all safety precautions have been read and understood
P260: Do not breathe dust/fume/gas/mist/vapors/spray
P271: Use only outdoors or in a well-ventilated area
P280: Wear protective gloves/protective clothing/eye protection/face protection.
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
P305+P310: IF IN EYES: Immediately call a POISON CENTER or doctor/physician.
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P308+P313 - IF exposed or concerned: Get medical advice/attention
P312: Call a POISON CENTER or doctor/physician if you feel unwell.
P405 - Store locked up.
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>Carboxolic Acid</td>
<td>Trade Secret</td>
<td>Trade Secret</td>
</tr>
<tr>
<td>Dipropylene glycol monomethyl ether</td>
<td>Trade Secret</td>
<td>Trade Secret</td>
</tr>
<tr>
<td>Methoxyacetic acid</td>
<td>Trade Secret</td>
<td>&lt; 0.1</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 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
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
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. Keep from freezing.

Incompatible materials
Strong cyanides, alkalies, sulfides and oxidizing agents

Storage temperature
Prevent exposure to freezing temperatures.

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>Carboxolic Acid</td>
<td>ACGIH TLV (United States, 2/2010) Not Established</td>
</tr>
<tr>
<td>Dipropylene glycol monomethyl ether</td>
<td>TWA 100ppm 8 Hours</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>Red liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Slightly sweet</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>100 C (212 F)</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable</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>1.08 Kg per Liter 9.0 Lbs per Gallon</td>
</tr>
<tr>
<td>Solubility</td>
<td>Water: Complete</td>
</tr>
<tr>
<td>Partition coefficient n-octanol/water</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>VOC content</td>
<td>No data available</td>
</tr>
</tbody>
</table>

Section 10. Stability and reactivity
According to Regulation 29 CFR 1910.1200
Regulation (EC) No. 1272/2008 (CLP)(GHS)

10.1 Reactivity
No additional information available

10.2 Chemical stability
Stable under normal conditions

10.3 Possibility of hazardous reactions
Hazardous polymerization will not occur.

10.4 Conditions to avoid
Extreme high or low temperatures. Avoid freezing

10.5 Incompatible materials
Strong cyanides, alkalies, sulfides and oxidizing agents

10.6 Hazardous decomposition products
No data available

Section 11. Toxicology information

11.1 Information on toxicological effects
No adverse effects expected under intended use.

Acute toxicity
Skin
May cause skin irritation

Eyes
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 US DOT
Not dangerous goods in sense of transport regulations.

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA
Not dangerous goods in sense of transport regulations.

14.1 UN number
Not applicable

14.2 UN proper shipping name
Not applicable

14.3 Transport hazard class(es)
Not applicable

14.4 Packing group
Not applicable

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  
14.8 Transport in bulk according to  
CFR 49 173.15  
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  
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
DSL  
All ingredients are listed or exempted
WHMIS  
Class: D-2, E

A Chemical Safety Assessment has not been carried out.

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

Section 16. Other information

Date of issue 5-15-2015
Version 2.2
Number 497
Date of previous issue 11-25-2014
Preparer Nox-Crete Manufacturing Inc.

Reference Documentation
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Full text of R, H and EUH phrases

Skin Corr. 1B - Skin corrosion, hazard category 1B  
Eye Dam. 1 - Serious eye damage, hazard category 1  
Acute Tox. 4 (inhalation) - Acute toxicity (inhalation), hazard category 4  
Repr. 1B - Reproductive toxicity, hazard category 1B

Skin Corr. 1B - Skin corrosion, hazard category 1B  
H314
Eye Dam. 1 - Serious eye damage, hazard category 1  
H318
Acute Tox. 4 (inhalation) - Acute toxicity (inhalation), hazard category 4  
H332
Repr. 1B - Reproductive toxicity, hazard category 1B  
H360
According to Regulation 29 CFR 1910.1200
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