CRETE-NOX TA  Safety Data Sheet


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

1.1 Product identifier
Product Form: Mixture
Trade Name: CRETE-NOX TA
Product Code: TA

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
Acute Tox. 4 (oral) H302

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: Warning
Hazard statements: H302 - Harmful if swallowed

Precautionary statements
Prevention: P264 - Wash exposed skin thoroughly after handling
P270 - Do not eat, drink or smoke when using this product

Response: P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P330 - Rinse mouth.

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>Diethylene Glycol</td>
<td>11-46-6</td>
<td>5--10</td>
</tr>
</tbody>
</table>

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.

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
None known

5.2 Special hazards arising from the substance or mixture
Reactivity
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
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: None known
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>Diethylene Glycol</td>
<td>ACGIH TLV (United States, 2/2010) Not Established</td>
</tr>
<tr>
<td></td>
<td></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>Green liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless</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>1.14 Kg per Liter 9.5 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

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
Avoid freezing

10.5 Incompatible materials
None known

10.6 Hazardous decomposition products
Carbon Monoxide, Carbon Dioxide

Section 11. Toxicology information

11.1 Information on toxicological effects

<table>
<thead>
<tr>
<th>Toxicity</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>No adverse effects expected under intended use.</td>
</tr>
<tr>
<td>Irritation/Corrosion Skin</td>
<td>May cause skin irritation</td>
</tr>
<tr>
<td></td>
<td>May causes eye irritation and damage.</td>
</tr>
<tr>
<td>Eyes</td>
<td>May cause respiratory irritation</td>
</tr>
<tr>
<td>Respiration or skin sensitization</td>
<td>Not classified</td>
</tr>
<tr>
<td>Germ cell mutagenicity</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>Carcinogenicity</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

Reproductive toxicity
Not classified

Specific target organ toxicity

<table>
<thead>
<tr>
<th>Toxicity</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single exposure</td>
<td>Not classified</td>
</tr>
<tr>
<td>Repeated exposure</td>
<td>Not classified</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

Section 12. Ecological information

12.1 Ecotoxicity
Not established

12.2 Persistence and degradability
Not established

12.3 Bioaccumulative potential
Not established
12.4 Mobility in soil
12.5 Other adverse effects

No additional information available
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
Not dangerous goods in sense of transport regulations.
14.2 UN proper shipping name
Concrete Surface Retarder
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
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
Contains no ingredients at or above the De Minimus reporting level
All ingredients are listed or exempted

PROPOSITION 65
WARNING: This product can expose you to chemicals including 1,3-Dichloropropene, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

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
A Chemical Safety Assessment has not been carried out.

15.2 Chemical safety assessment

Section 16. Other information

Date of issue 10-2-2018
Version 2.3
Number 85
Date of previous issue 11-16-2015
Preparer Nox-Crete Manufacturing Inc.

Reference Documentation

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**Full text of R, H and EUH phrases**

- Acute Tox. 4 (oral) - Acute toxicity (oral), hazard category 4
  - H302

  - H302 - Harmful if swallowed

- P264 - Wash exposed skin thoroughly after handling
- P270 - Do not eat, drink or smoke when using this product
- P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P330 - Rinse mouth.
- P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.