SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: PowerEtch® Concrete Etcher & Cleaner

PRODUCT USES: PowerEtch® is liquid applied etcher for cementitious surfaces in preparation for further treatment – painting, staining, penetrating sealers, coatings, and overlays. Clears surfaces, removes efflorescence and stubborn stains. Reduces the alkalinity of new concrete. Low odors, easy application make it particularly suitable for indoor concrete.

MANUFACTURER: Novion, Inc.
494 Bridgeport Avenue
Suite 101 336
Shelton, CT 06484-4784
USA

SECTION 2: HAZARD IDENTIFICATION

<table>
<thead>
<tr>
<th>CODE</th>
<th>HAZARD STATEMENT</th>
<th>HAZARD CLASS</th>
<th>CATEGORY</th>
<th>SIGNAL WORD</th>
</tr>
</thead>
<tbody>
<tr>
<td>H290</td>
<td>May be corrosive to metal.</td>
<td>Corrosive to metal</td>
<td>1</td>
<td>Warning</td>
</tr>
<tr>
<td>H303</td>
<td>May be harmful if swallowed.</td>
<td>Acute toxicity, oral</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>H316</td>
<td>Causes minor skin irritation.</td>
<td>Skin corrosion/irritation</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>H320</td>
<td>Causes eye irritation.</td>
<td>Serious eye damage/irritation</td>
<td>2B</td>
<td></td>
</tr>
<tr>
<td>H335</td>
<td>May cause respiratory irritation.</td>
<td>Respiratory tract irritation</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 3: COMPOSITION/INGREDIENT INFORMATION

Urea Hydrochloride CAS#506-89-8

<table>
<thead>
<tr>
<th>CONCENTRATION</th>
<th>OSHA PEL</th>
<th>ACGH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>20%-25%</td>
<td>NE</td>
<td>NE</td>
</tr>
</tbody>
</table>

SECTION 4: FIRST AID MEASURES

EYES: SYMPTOMS OF EXPOSURE: Eye irritation or burning sensation to the eyes.
RESPONSE MEASURES: Flush eyes thoroughly with large amounts of water for 15 minutes. Seek medical attention if symptoms persist.

SKIN: SYMPTOMS OF EXPOSURE: Minor skin irritation/dermatitis.
RESPONSE MEASURES: Wash affected area with soap and water. Remove contaminated clothes. Seek medical attention if symptoms persist.

INGESTION: SYMPTOMS OF EXPOSURE: Gastric or intestinal distress with nausea, vomiting, and diarrhea.
RESPONSE MEASURES: Do not induce vomiting. If vomiting occurs keep airway clear. Never give anything by mouth to an unconscious person. Seek medical attention immediately.

INHALATION: SYMPTOMS OF EXPOSURE: Coughing, Breathing difficulty
RESPONSE MEASURES: Remove to fresh air. Administer oxygen; seek medical help if symptoms persist.

SECTION 5: FIRE FIGHTING MEASURES

*Product is non-flammable and non-combustible. Under normal conditions of use, this product will not cause or support fire. If fire occurs, use control measures for surrounding materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Wear protective equipment, keep unprotected persons away. Contain and absorb spill. Wash area with soap and water. Dispose of response debris in accordance with applicable regulations.

SECTION 7: HANDLING AND STORAGE

- DO NOT STORE IN DIRECT SUNLIGHT. Do not store at temperatures above 120 °F. Protect from freezing.
- Avoid use in confined areas. Ensure adequate ventilation.
- Unsuitable storage container: Aluminum.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

In the event natural ventilation is inadequate, provide mechanical ventilation/exhaust to reduce airborne concentration.
Protective equipment: Wear nitrile gloves, eye and mouth protection, minimize skin contact.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>PHYSICAL STATE</th>
<th>ODOR</th>
<th>BOILING POINT</th>
<th>pH LEVEL</th>
<th>APPEARANCE</th>
<th>VOC (EPA METHOD 24)</th>
<th>VAPOR DENSITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid</td>
<td>Slight Acid</td>
<td>212 °F</td>
<td>1.0</td>
<td>Clear liquid</td>
<td>ND</td>
<td>ND</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOLIDS</th>
<th>SPECIFIC GRAVITY</th>
<th>FREEZING POINT</th>
<th>EVAPORATION RATE</th>
<th>AUTO-IGNITION TEMP</th>
<th>FLASHPOINT</th>
<th>FLAMMABLE LIMITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>25%-30%</td>
<td>1.105</td>
<td>Approx. 32 °F</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

Read before use.

PAGE 1 of 2
SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

INCOMPATIBLES (materials to avoid): Reacts with alkali and hypochlorites.

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposition produces hydrogen chloride, chlorine and hydrogen gases.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

No information available. No ingredients are known carcinogens.

SECTION 12: ECOLOGICAL INFORMATION

NA

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal in accordance with local, state, federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

Corrosive Liquid, N.O.S.(Urea Hydrochloride), 8, UN 1760, PG II

SECTION 15: REGULATORY INFORMATION

U.S Toxic Substances Control Act (TSCA):

One or more components of this product are listed on the U.S. Toxic Substances Control Act (TSCA) inventory or are otherwise compliant with TSCA regulations.

SARA Title III Section 312/313 Hazard Category (40 CFR311/312):

Acutely Hazardous.

OSHA HAZARDOUS:

Yes.

CALIFORNIA PROPOSITION 65:

None.

SECTION 16: OTHER INFORMATION

All statements, technical information and recommendations contained herein are based upon available scientific test or data which we believe to be reliable since we cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. Novion, Inc. makes no warranties, express or implied, and assumes no responsibility in connection with any use of this information. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by our products.

This document has been prepared in accordance with the SDS OSHA Hazard Communication Standard 29 CFR 1910.1200 Standard must be consulted for specific requirements.

HMIS RATING

- **HEALTH**: 2
- **FLAMMABILITY**: 0
- **REACTIVITY**: 0

X: SAFETY GLASSES
X: SAFETY GOGGLES
X: FACE SHIELD
☐: DUST RESPIRATOR
☐: VAPOR RESPIRATOR
☐: FULL FACE RESPIRATOR

X: GLOVES
X: APRON
☐: FULL BODY SUIT
☐: BOOTS
☐: AIRLINE MASK
☐: OTHER

NFPA RATING

- **HEALTH HAZARD**: BLUE DIAMOND
  - 4 – Deadly
  - 3 – Extreme Danger
  - 2 – Hazardous
  - 1 – Slightly Hazardous
  - 0 – Normal Material

- **FLAMMABILITY**: 0

- **REACTIVITY**: 0

X: SAFETY GLASSES
X: SAFETY GOGGLES
X: FACE SHIELD
☐: DUST RESPIRATOR
☐: VAPOR RESPIRATOR
☐: FULL FACE RESPIRATOR

X: GLOVES
X: APRON
☐: FULL BODY SUIT
☐: BOOTS
☐: AIRLINE MASK
☐: OTHER

FIRE HAZARD

- **RED DIAMOND**: Flash Points
  - 4 – Below 73 °F
  - 3 – Below 100 °F
  - 2 – Above 100 °F
  - 1 – Above 200 °F
  - 0 – Will not burn.

- **YELLOW DIAMOND**: Such as
  - 4 – May Detonate
  - 3 – Shock & Heat may detonate
  - 2 – Violent Chemical Change
  - 1 – Unstable
  - 0 – Stable

HMIS RATING

- **HEALTH**: 2
- **FLAMMABILITY**: 0
- **REACTIVITY**: 0

X: SAFETY GLASSES
X: SAFETY GOGGLES
X: FACE SHIELD
☐: DUST RESPIRATOR
☐: VAPOR RESPIRATOR
☐: FULL FACE RESPIRATOR

X: GLOVES
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☐: FULL BODY SUIT
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☐: AIRLINE MASK
☐: OTHER

REVOLUTION DATE: 04/2018