SDS
SAFETY DATA SHEET

Read before use.

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. Cleans surfaces, removes efflorescence and stubborn stains. Reduces the alkalinity of new concrete. Low odors, easy application make it particularly suitable for indoor concrete.

PowerEtch

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

EMERGENCY PHONE NUMBER:
PERS Professional Emergency Response Service
Company Code 10492
1-800-633-8253 (U.S. and Canada)
1-801-629-0667 (International)

SYMBOL

SECTION 2: HAZARD IDENTIFICATION

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

PRECAUTIONARY STATEMENTS

PREVENTION
P101: Keep out of reach of children.
P234: Keep only in original container.
P264: Wash hands thoroughly after handling.

STORAGE
P406: Store in a corrosive resistant container with a resistant inner liner.

RESPONSE
P312: Call a POISON CENTER or physician if you feel unwell.
P390: Absorb spillage to prevent material damage.
P305+P351: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313: IF SKIN irritation occurs: Get medical advice/attention.
P337+P313: IF eye irritation persists: Get medical advice/attention.

SECTION 3: COMPOSITION/INGREDIENT INFORMATION

HAZARD COMPONENTS	CONCENTRATION	OSHA PEL	ACGH TLV
Urea Hydrochloride CAS#506-89-8	20%-25%	NE	NE

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 effected 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

PHYSICAL STATE	Liquid	**SOLIDS**	25%-30%
ODOR	Slight Acrid	**SPECIFIC GRAVITY**	1.105
BOILING POINT	212 °F	**FREEZING POINT**	Approx. 32 °F
pH LEVEL	1.0	**EVAPORATION RATE**	NA
APPEARANCE	Clear liquid	**AUTO-IGNITION TEMP**	NA
VOC (EPA METHOD 24)	ND	**FLASHPOINT**	NA
VAPOR DENSITY	ND	**FLAMMABLE LIMITS**	NA

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.

PowerEtch

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

2	HEALTH
0	FLAMMABILITY
0	REACTIVITY
X	PPE

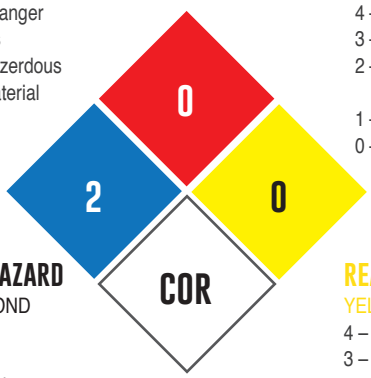
CHECK ALL THAT APPLY

[X] SAFETY GLASSES	[X] GLOVES
[X] SAFETY GOGGLES	[X] APRON
[X] FACE SHIELD	[ ] FULL BODY SUIT
[ ] DUST RESPIRATOR	[ ] BOOTS
[ ] VAPOR RESPIRATOR	[ ] AIRLINE MASK
[ ] FULL FACE RESPIRATOR	[ ] OTHER _____

NFPA RATING

HEALTH HAZARD
BLUE DIAMOND
4 – Deadly
3 – Extreme Danger
2 – Hazerdous
1 – Slightly Hazerdous
0 – Normal Material

FIRE HAZARD
RED DIAMOND
Flash Points
4 – Below 73 °F
3 – Below 100 °F
2 – Above 100 °F
not exceeding 200 °F
1 – Above 200 °F
0 – Will not burn.



SPECIFIC HAZARD
WHITE DIAMOND
ACID – Acid
ALK – Alkali
COR – Corrosive
OXY – Oxidizer
☢ – Radioactive
W – Use No Water

REACTIVITY
YELLOW DIAMOND
4 – May Detonate
3 – Shock & Heat may detonate
2 – Violent Chemical Change
1 – Unstable
0 – Stable

REVISION DATE: 04/2018