310 Wayto Road | Schenectady, NY 12303 ● TEL: 800-283-3888 | FAX: 518-357-9636
EMAIL: moreinfo@sandellmfg.com | www.diedrichtechnologies.com

202V VANA-STOP NEW MASONRY CLEANER

1. PRODUCT DATA

Product Name: 202V Vana-Stop New Masonry Cleaner
Producer: Diedrich Technologies, A Hohmann & Barnard Company, 310 Wayto Road, Schenectady, NY 12303
Company Contact: Ken Eglin
Telephone: 800-283-3888
24-Hour Emergency Contact: CHEMTREC 800-424-9300

This product is manufactured for Commercial/Industrial use. *Not recommended for: Household use.*

2. HAZARDS IDENTIFICATION

GHS Ratings:

Metal Corrosion: 1
Skin Corrosion: 1
Eye Damage: 1
Inhalation Toxicity: Acute 4

GHS Hazards:

H290 May be corrosive to metals
H314 Causes severe skin burns and eye damage
H318 Causes serious eye damage
H332 Harmful if inhaled

GHS Precautions

P234 Keep only in original container
P260 Do not breathe dust/fume/gas/mist/vapors/spray
P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P264 Wash hands thoroughly after handling
P271 Use only outdoors or in a well-ventilated area
P280 Wear protective gloves/protective clothing/eye protection/face protection
P310 Immediately call a POISON CENTER or doctor/physician
P312 Call a POISON CENTER or doctor/physician if you feel unwell
P363 Wash contaminated clothing before reuse
P390 Absorb spillage to prevent material damage
P301+P330+P331
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P303+P361+P353
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
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 continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P404 Store in a closed container
P405 Store locked up
P501 Dispose of contents/container according to local regulations

Danger

Hazards Not Otherwise Classified: None

3. COMPOSITION

Chemical Name/ CAS No.	Component %	OSHA PEL	ACGIH TLV
Hydrogen Chloride 7647-01-0	<20	5 ppm	2 ppm
Hydroxyacetic Acid 79-14-1	<12	None Established	None Established

The precise composition of this product is proprietary information. In the event of a medical emergency, a complete disclosure will be provided to medical personnel

4. FIRST AID MEASURES

Eyes: Flush with water for 15 minutes. Seek immediate medical attention. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin: Wash exposed areas with water and mild soap. Remove contaminated clothing immediately and launder before reuse. If irritations persist, seek immediate medical attention.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

Ingestion: Do not induce vomiting! Seek immediate medical attention.

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5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water fog, foam, CO_2, dry chemical
Special Fire Fighting Procedures: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Unusual Fire Hazards: Not determined.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Keep unnecessary and unprotected personnel from entering. Put on appropriate personal protective equipment.

Environmental Precautions: Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers or waterways. Notify proper authorities.

Methods for Cleaning Up: Mop up or absorb onto absorbent material and collect for disposal. Dispose of contents/container to an approved waste disposal plant.

7. HANDLING AND STORAGE

Handling Precautions: Avoid contact with strong alkalis and oxidizers. Handle in accordance with good industrial hygiene and safety practices. Wear protective gloves, clothing, eye and face protection. Do not eat, drink or smoke when using this product. Do not breath fumes, mist, vapors, or spray. Use only with adequate ventilation. Wash face, hands, and any exposed skin thoroughly after handling. Remove contaminated clothing and wash before reuse.

Storage: Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up. **KEEP OUT OF THE REACH OF CHILDREN.**

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Chemical Name	CAS#	OSHA PEL	ACGIH TLV
Hydrogen Chloride	7647-01-0	5 ppm	2 ppm
Hydroxyacetic Acid	79-14-1	None Established	None Established

Engineering controls: Apply technical measures to comply with the occupational exposure limits: showers, eyewash stations, ventilation systems.

Monitoring: Handle in accordance with good industrial hygiene and safety practices. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off all contaminated clothing and wash it before reuse.

Eye Protection: Safety glasses with side shields or chemical goggles.

Skin Protection: To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile or neoprene) clothing and boots.

Respiratory Protection: None needed under normal use conditions with adequate ventilation. If the occupational exposure limits are exceeded, a NIOSH approved respirator with acid gas cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear yellowish liquid
Odor: Sharp acid
pH@25ºC: 1.0
Melting/Freezing Point: Not Determined
Flash point: Not Determined
Specific Gravity: 1.16
Solubility: Complete
Auto-ignition Temperature: Not Determined
Decomposition Temperature: Not Determined
VOC Content: 35%
Odor Threshold: Not Determined
Boiling Range: >212ºF
Evaporation Point: Not Determined
Flammable Limits: UEL & LEL - Not Determined
Vapor Pressure: 25 mmHg
Vapor Density (Air=1): 1.64
Viscosity: Not Determined
Weight Per Gallon: 8.5 lbs

10. STABILITY AND REACTIVITY

Stability: STABLE
Conditions to Avoid: Extreme temperatures; **KEEP OUT OF REACH OF CHILDREN.**
Hazardous Decomposition/By-products: Carbon dioxide and carbon monoxide may form when heated to decomposition.
Hazardous Polymerization: Will not occur
Polymerization Conditions to avoid: None

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11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Contact and inhalation; ingestion possible.
Inhalation: Do not inhale.
Eye Contact: Will cause severe burns on contact and will damage eyes.
Skin Contact: Causes severe skin burns.
Ingestion: Do not taste or swallow.

Toxicity:

Name	LD50	LC50
Hydrogen Chloride	Not Established	Not Established
Hydroxyacetic Acid	Oral - Rat - male & female - 2,040 mg/kg	Inhalation - Rat - male - 4h - 3.6 mg/l

Reproductive Effects: N/A
Teratogenicity: N/A
Mutagenicity: N/A
Embryotoxicity: N/A
Sensitization to Product: N/A
Synergistic Products: N/A

12. ECOLOGICAL INFORMATION

Ecotoxicity: This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Mobility: Information not available.
Degradability: Information not available.
BioAccumulation: Information not available.

13. DISPOSAL

Follow federal, state, and local regulations.

14. TRANSPORTATION INFORMATION

The following is for US DOT Highway transportation. Other modes/jurisdictions may have different classifications.

Agency	Proper Shipping Name	UN Number	Packaging Group	Hazard Class
US DOT	Corrosive Liquid N.O.S. (Hydrochloric Acid)	UN1760	II	8

15. REGULATORY INFORMATION

TSCA Status: The components of this product are listed on the TSCA Inventory.

SARA Title III Section 302/304 Extremely Hazardous Substance: No chemicals in this material are subject to the reporting requirements.

SARA Title III Section 311/312 Hazard Categorization: N/A

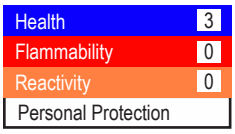
SARA Title III Section 313 Supplier Information: No chemicals in this material are subject to the reporting requirements.

CERCLA Section 102(a) Hazardous Substance:

Chemical	Cas#	% by wt.	RQ (lbs.)
Hydrogen Chloride	7647-01-0	<20%	5,000

16. OTHER INFORMATION

Date of Preparation: July 1st, 2016
Revision Date: March 16th, 2017



Hazardous Material Information System (HMIS)
* = CHRONIC HEALTH HAZARD
0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH

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LEGEND

0 = LEAST **1 =** SLIGHT **2 =** MODERATE **3 =** HIGH **4 =** EXTREME

N.D. = NOT DETERMINED **N.A. =** NOT AVAILABLE **N/A =** NOT APPLICABLE

DISCLAIMER: While this company believes that the data contained herein are factual and the opinions expressed are based on tests and data believed to be reliable, it is the user's responsibility to determine the safety, toxicity and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by this company as to the effects of such use, the results to be obtained, or the safety and toxicity of the product, nor does this company assume any liability arising out of use, by others, of the product referred to herein. Nor is this information herein to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or governmental regulations.

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