150 Motor Parkway | Suite 410 | Hauppauge, NY 11788 • TEL: 800-283-3888
email: weanchor@h-b.com | www.diedrichtechnologies.com

900X EXTRA STRONG DEGREASE & ETCH

1. PRODUCT DATA

Product Name: 900X Extra Strong Degrease & Etch
Producer: Diedrich Technologies,
A Hohmann & Barnard Company,
150 Motor Parkway, Suite 410, Hauppague, NY 11788
Company Contact: Jonathon Byrge
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:

Skin corrosive: 1A
Destruction of dermal tissue: Exposure < 3 min. Observation < 1 hour, visible necrosis in at least one animal

Eye corrosive: 1
Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity >= 3, Iritis > 1.5

Respiratory sensitizer: 1
Respiratory sensitizer

GHS Hazards

H303 May be harmful if swallowed
H314 Causes severe skin burns and eye damage
H318 Causes serious eye damage
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled

GHS Precautions

P260 Do not breathe dust/fume/gas/mist/vapors/spray
P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P264 Wash skin thoroughly after handling
P280 Wear protective gloves/protective clothing/eye protection/face protection
P285 In case of inadequate ventilation wear respiratory protection
P310 Immediately call a POISON CENTER or doctor/physician
P312 Call a POISON CENTER or doctor/physician if you feel unwell
P321 Specific treatment (see section 4)
P363 Wash contaminated clothing before reuse
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
P304+P341
IF INHALED: If breathing is difficult, 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
P342+P311
Call a POISON CENTER or doctor/physician
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.	% by weight	ACGIH Exposure Limits	Other Exposure Limits
Hydrochloric Acid 7647-01-0	22%	2 ppm Ceiling	NIOSH: 5 ppm Ceiling 7 mg/m^3 Ceiling

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4. FIRST AID MEASURES

Inhalation: Remove from further exposure. For those providing assistance, avoid exposure to yourself. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, a trained individual should attempt to resuscitate while getting immediate medical aid.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for 15 minutes.

Skin Contact: In case of skin contact, remove contaminated clothing. Flush the skin with large amounts of water, then wash the skin with soap and water.

Ingestion: If conscious, give 2 to 3 glasses of water. Do not induce vomiting and seek medical attention immediately.

Notes to Physician: No data found.

SECTION 5 - FIRE FIGHTING MEASURES

Flammable Limits: LEL: N/A UEL: N/A

Flash Point: No data available.

Extinguishing Media: Use extinguishing agent suitable for type of surrounding fire.

Unusual Fire or Explosion Hazards: No data available.

Hazardous Combustion Products: See Section 10.

Fire Fighting: If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure.

Fire Fighting: Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Isolate the area and contain the spilled material. Persons not wearing the appropriate PPE should be removed from the area until the spill is cleaned up. Stop leak if you can do it without risk, stay upwind, and avoid run off to waterways and sewers.

SMALL SPILLS: Prevent entry into waterways, sewers, basements or confined areas. Use a non-combustible material like vermiculite or sand to soak up the product and place into a container for later disposal.

LARGE SPILLS: Prevent entry into waterways, sewers, basements or confined areas. Dike to collect large liquid spills, collect leaking liquid in sealable compatible containers.

ACID SPILLS: Neutralize with Soda Ash (Sodium Carbonate), Hydrated Lime (Calcium Hydroxide), or Baking Soda (Sodium Bicarbonate). Cautiously neutralize remainder; then wash away with plenty of water.

7. HANDLING AND STORAGE

Handling Precautions: Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas. Use the product in a manner which minimizes splashes and/or the creation of dust. Keep containment closed when not in use. Do not handle or store material near heat, sparks, or open flames, or other sources of ignition.

Storage: Prevent from freezing. Store at room temperatures, i.e., 40º to 95ºF (4º to 35ºC)

Regulatory Requirements: No data found

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Chemical Name/ CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Hydrochloric Acid 7647-01-0	N/A	2 ppm Ceiling	NIOSH: 5ppm Ceiling; 7mg/m^3 Ceiling

Engineering controls: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Ensure that eyewash stations and safety showers are close to the workstation location.

Ventilation Control: Provide adequate ventilation to control airborne concentration below the exposure guidelines/limits.

Administrative controls: No data found.

Personal Protection: As prescribed in the OSHA Standard for Personal Protective Equipment (29 CFR 1910.132), employers must perform a hazard Assessment of all workplaces to determine the need for proper protective equipment for each employee.

Eye Protection: Normal industrial eye protection practices should be employed.

Skin Protection: In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.

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Respiratory: If airborne concentration limits are not met, an approved respirator must be worn.

Contaminated Equipment: Dispose of the waste in compliance with federal, state, regional, and local regulations.

9. PHYSICAL AND CHEMICAL PROPERTIES

Melting point: Not Determined
Freezing point: Not Determined
Solubility: Complete
Boiling range: 85°C
Flash point: 999°C, 999°F
Evaporation rate: Not Determined
Flammability (UEL & LEL): N/A
Appearance: Yellow Liquid
Odor: Pungent
Physical State: Liquid
Vapor Pressure: Not Determined
Odor threshold: Not Determined
Vapor Density: Not Determined
pH: Strong Acid <1
Explosive Limits: 0%
Partition coefficient (n-Octanol/water): Not Determined
Autoignition temperature: N/A
Decomposition temperature: Not Determined
Viscosity: Not Determined
Density: 1.11197472
Weight Per Gallon: 8.5 lbs

10. STABILITY AND REACTIVITY

Stability: STABLE
Incompatibilities: Avoid contact with strong bases.
Hazardous Decomposition Products: *Note:* these are all possible decomposition products based on molecular structure of components.
- Hydrogen Chloride
- Chlorine or Oxides of Chlorine

Hazardous Polymerization: will not occur.

11. TOXICOLOGICAL INFORMATION

Mixture Toxicity:
Oral Toxicity: 3,037.00mg/kg
Inhalation Toxicity: 15.78mg/L
Routes of entry: No data found.
Target Organs: Eyes, Skin, Respiratory System

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available.

13. DISPOSAL

Disposal Instructions: Refer to the latest federal, state, and local regulations regarding proper disposal.

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 NOS. (Hydrochloric Acid)	UN1760	II	8

15 - REGULATORY INFORMATION

This listing is to highlight federal level regulation of the product. Individual states, and other nations may have further regulations not listed below

US DOT List of Marine Pollutants (172.101 - Appendix B): None

US DOT List of Hazardous Substances and Reportable Quantities (172.101 Appendix A):
7647-01-0 Hydrochloric Acid 22%

US DOT List of Severe Marine Pollutants (172.101 - Appendix B): None

SARA Section 302 Extremely Hazardous Substances (40 CFR 355): 7647-01-0 Hydrochloric Acid 22%

Sara Section 302 Threshold Planning Quantity:
7647-01-0 Hydrochloric Acid 22%

SARA Section 313, Toxic Chemicals (40 CFR 372.65):
7647-01-0 Hydrochloric Acid 22%

SARA Reportable Quantity: 7647-01-0 Hydrochloric Acid 22%

Toxic Substances Control Act (TSCA): All components are listed or exempt from the Toxic Substances Control Act

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1985 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act, and Title 40 of the Code of Federal Regulations, part 372.
7647-01-0 Hydrochloric Acid 22%

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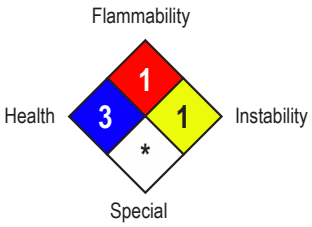
16. OTHER INFORMATION

Date of Preparation: July 1st, 2016
Revision Date: June 16th, 2023

Hazardous Material Information System (HMIS)

Health	3
Flammability	1
Physical Hazard	1
Personal Protection	D

National Fire Protection Association (NFPA)



HMIS & NFPA Hazard Rating Legend

* = CHRONIC HEALTH HAZARD
0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH

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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