



MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER'S NAME AND ADDRESS: DIEDRICH TECHNOLOGIES, INC
7373 S. 6TH ST.
OAK CREEK, WI 53154

EMERGENCY PHONE NO. 414-764-0058

PRODUCT TRADE NAME: 707N LIMESTONE NEUTRALIZER **01-08**

SECTION II - HAZARDOUS INGREDIENTS

NOTE: Hazardous acidic ingredients in this product are in a water diluted form; not in the pure concentrated acidic form.

CHEMICAL NAME	CAS NO.	NFPA CODE	TLV	PEL
ACETIC ACID	68412-54-4	2/0/0/-	10ppm	10ppm

SECTION III - PHYSICAL DATA

BOILING POINT	212°F	SPECIFIC GRAVITY (H₂O=1):	1.05
VAPOR PRESSURE (mm Hg)	11.7	% VOLATILE BY VOLUME (%):	98
VAPOR DENSITY (AIR=1)	2.1	EVAPORATION RATE (butyl acetate=1):	.97
SOLUBILITY IN WATER	COMPLETE	APPEARANCE AND ODOR:	Colorless liquid with strong vinegar odor.

SECTION IV - FIRE AND EXPLOSIVE HAZARD DATA

FLASH POINT: N/A **FLAMMABLE LIMITS:** N/A

EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: Wear self contained breathing apparatus and full personal protective equipment to prevent any skin contact.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Water added to the acid may cause generation of heat and or fumes. Extreme high heat can liberate CO₂ and/or flammable alcohol vapors.

SECTION V - REACTIVITY DATA

STABILITY: Stable **CONDITIONS TO AVOID:** Extreme heat

INCOMPATIBILITY (Materials to Avoid): Alkalis, all metals, organic materials, carbides and chlorates.

HAZARDOUS decomposition PRODUCTS: Heat or contact with water can cause the evolution of fumes and oxides of carbon.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

ACUTE: Corrosive to all human tissue. Can cause severe burns to skin and eyes resulting in blindness and or death.

CHRONIC: May lead to contact dermatitis, corrosion of dental enamel, lung damage resulting in bronchitis, shortness of breath and emphysema.

CARCINOGENICITY: None known

SECTION VII - EMERGENCY AND FIRST AID PROCEDURES

EXPOSURE:

INHALATION: Remove victim to fresh air. If unconscious give artificial respiration. Immediately consult a physician.

INGESTION: If conscious, give 2 to 3 glasses of water. Do not induce vomiting. Consult a physician

EYES: Flush eyes with lids open for at least 15 minutes. Get medical attention immediately.

SKIN: Flush affected area with copious amounts of water, remove contaminated shoes and clothing. Consult a physician.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

Use a NIOSH/MSHA approved dust/mist filter respirator for routine work purposes when exposure to mists exceeding the permissible exposure limits. The respirator use limitations made by NIOSH/MSHA or the manufacturer must be observed.

VENTILATION:

Local exhaust sufficient to minimize exposure to mist below permissible exposure limits.

PROTECTIVE CLOTHING:

Protect all body parts from contact by using full chemical resistant suit with tight fitting cuffs and collar, rubber boots and full face shield.

PROTECTIVE GLOVES:

Gloves should be rubber, PVC or neoprene.

EYE PROTECTION:

Close fitting safety chemical goggles and full face shield must be worn.

OTHER PROTECTIVE EQUIPMENT:

Apply Diedrich recommended skin barrier cream for additional protection. Chemical resistant boots and hardhat. Safety shower and eyewash or fresh running water close at hand at all times.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Freezes under 32°F. Avoid open containers. Do not store in hot areas. Add cautiously to cool water with agitation, heat is evolved. Treat empty containers as if they were full.

OTHER PRECAUTIONS:

Do not store in or pipe through any of the materials listed in Section V, use only approved plastic. Do not use any metal tools

LEGENDS:

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

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

While this company believes that the data contained herein are factual and the opinions expressed are based on test 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 the 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 regulation.

REQUIRED SUPPLEMENTAL CONTRACT TERMS: Failure to obtain a property owner's written acceptance of the enclosed Required Supplemental Terms and Conditions for Restoration Contract shall release any and all of the manufacturer's express or implied warranties (including, without limitation, merchantability and fitness for particular purpose) and user shall indemnify and hold harmless from all liability, cost and expenses arising in any way from the use of or contact with this product. All claims of any kind against manufacturer arising from or related to this product in any way shall be decided by binding arbitration in accordance with the Construction Industry Arbitration Rules of the American Arbitration Association.