

THE GERIN CORPORATION -- DCA-308,0.1N HCL ACID (SA55 100) -- 6810-01-118-2612

===== Product Identification =====

Product ID:DCA-308,0.1N HCL ACID (SA55 100)

MSDS Date:04/14/1987

FSC:6810

NIIN:01-118-2612

MSDS Number: BGMNY

=== Responsible Party ===

Company Name:THE GERIN CORPORATION

Address:1109 SEVENTH AVE

City:NEPTUNE

State:NJ

ZIP:07753-5143

Country:US

Info Phone Num:201-774-3256

Emergency Phone

Num:201-774-3256

Preparer's Name:ROBERT N.GERIN

CAGE:KO588

=== Contractor Identification ===

Company Name:GERIN CORP

Address:1109 SEVENTH AVE

Box:City:NEPTUNE

State:NJ

ZIP:07753-5143

Country:US

Phone:908-774-3256

CAGE:96009

Company Name:THE GERIN CORPORATION

Address:1109 SEVENTH AVE

City:NEPTUNE

State:NJ

ZIP:07753-5143

Country:US

Phone:201-774-3256

CAGE:KO588

===== Composition/Information on Ingredients =====

Ingred Name:HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA III)

CAS:7

647-01-0  
RTECS #:MW4025000  
Fraction by Wt: 00.36%  
OSHA PEL:C 5 PPM  
ACGIH TLV:C 5 PPM; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 99.64%

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE:CORROSIVE TO ALL BODY  
TISSUES;THIS SOLUTION IS WEAK,MAY CAUSE SKIN AN  
D EYES IRRITATION.NO  
OTHER DATA IS GIVEN  
Explanation of Carcinogenicity:DATA PER MSDS  
Effects of Overexposure:SEE HEALTH HAZARS DATA  
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS  
OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR  
RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

===== First Aid Measures =====

First Aid:SKIN/EYES:FLUSH WITH WATER FOR AT LEAST 15 MIN.FOR  
EYES-CONTACT A PHYSICIAN.

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===== Fire Fighting Measures =====

Flash Point:NONE  
Extinguishing Media:NOT FLAMMABLE,USE ANY MEDIA FOR SURROUNDING FIRE.  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &  
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER  
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.  
Unusual Fire/Explosion Hazard:CONTACT WITH COMMON METALS MAY EVOLVE  
EXPLOSIVE HYDROGEN GAS.

===== Accidental Release Measures =====

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Spill Release Procedures:SMALL SPILL: FLUSH WITH WATER AND NEUTRALIZE WITH ALKALINE MATERIAL. SEWER NEUTRALIZED MATERIAL WITH EXCESS WATER. LARGE SPILL: EVACUATE AND VENTILATE AREA. IF POSSIBLE, STOP LEAK. DIKE TO RETAIN RUN OFF. NEUTRALIZE & PICK UP WITH ABSORBENT MATERIAL.

Neutralizing Agent:SODA ASH, LIME OR OTHER SUITABLE ALKALINE MATERIAL.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED

AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE & DIRECT SUNLIGHT.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING .

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH APPROVED RESPIRATOR FOR ACID VAPORS/MIST IF ABOVE TLV.

Ventilation:PROVIDE MECHAN(GEN/LOCAL EXHAUST)VENT TO MAINTN 1.0 (ETHER=1)

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS LIQUID

Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS AND STRONG ALKALIES

Stability Condition to Avoid:KEEP AT ROOM TEMPERATURE

Hazardous Decomposition Products:NOT SPECIFIED

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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