

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.

=====
===== 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 =====

=====

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.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should

Id seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.