

ALLIED CHEMICAL,ALLIED CORP -- GENETRON 22 -- 6830-00-060-9972

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

Product ID:GENETRON 22

MSDS Date:02/01/1998

FSC:6830

NIIN:00-060-9972

MSDS Number: BLRQH

=== Responsible Party ===

Company Name:ALLIED CHEMICAL,ALLIED CORP

Address:101 COLUMBIA RD

Box:1053

City:MORRISTOWN

State:NJ

ZIP:07960

Country:US

Info Phone Num:201-455-3073

Emergency Phone Num:201-455-3073, 201-455-2000

Preparer's Name:INFORMATION SERVICES

CAGE:70308

=== Contractor Identification ===

Company Name:HONEYWELL INTL INC ENVIRONMENTAL SYSTEMS AND SERVICES

Address:101 COLUMBIA RD

Box:City:MORRISTOWN

State:NJ

ZIP:07962

Country:US

Phone:973-455-3922

CAGE:70308

Company Name:REFRIGERANT RECLAIM SERVICES INC / DBA FULL CYCLE

Address:121 S NORWOOD DR

Box:City:HURST

State:TX

ZIP:76053

Country:US

Phone:817-282-0022

CAGE:0YD89

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

Ingre

d Name:NON HAZARDOUS INGREDIENT

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:LCL0 (RAT) IS 250,000 PPM/4 HOURS.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: INHALE-AN ASPHYXIAN EFFECT HAS BEEN REPORTED AT HIGH CONCENTRATIONS. INGEST-NOT APPLICABLE.

SKIN-CONTACT WITH LIQUID MATERIAL MAY CAUSE FROSTBITE. EYES-SAME

HAZARDS AS THOSE DESCRIBED FOR SKIN CONTACT. CHRONIC: NO CHRONIC TOXICITY DATA FOUND.

Explanation of Carcinogenicity:NONE OF THE INGREDIENTS OF THIS MATERIAL ARE LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:SKIN: CONTACT WITH LIQUID CAN CAUSE FROSTBITE, INDICATED BY PALLOR, LOSS OF SENSATION, REDNESS AND SWELLING.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALE-REMOVE TO FRESH AIR. IF STOPPD BREATHING, GIVE CPR. CALL A PHYSICIAN. USE OXYGEN AS REQUIRED. DO NOT GIVE EPINEPHRINE (ADRENALIN). SKIN OR EYE-BATHE (DO NOT RUB) WITH LUKEWARM (NOT HOT) WATER. IF NO WATER, COVER WITH SOFT WOOL.

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

Flash Point:NON-FLAMMABLE

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS APPROVED BY NIOSH. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE TOXIC DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:IF LARGE QUANTITY IS RELEASED, EVACUATE AREA AND ALLOW TO DISSIPATE.

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

Handling and Storage Precautions:STORE IN A COOL, DRY WELL VENTED AREA AWAY FROM HEAT OR FLAME. PROTECT CYLINDER & ITS FITTINGS FROM PHYSICAL

DAMAGE.

Other Precautions:DO NOT PUNCTURE OR DROP CYLINDERS OR EXPOSE TO EXCESSIVE HEAT. USE AUTHORIZED CONTAINERS ONLY. DO NOT PUNCTURE TUBING.

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

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS OR HOSE MASK WITH BLOWER.

Ventilation:LOCAL EXHAUST: WHERE LEAKAGE IS PROBABLE. MECHANICAL (GENERAL): ADEQUATE FOR STORAGE AREAS.

Protective Gloves:PVA OUTER LAYER GLOVES, NEOPRENE GLOVES.

Eye Protection:SAFETY GLASSES, CHEMICAL SAFETY GOGGLES

Other Protective Equipment:IMPERVIOUS CLOTHING & BOOTS WHERE LIQUID LEAKAGE IS POSSIBLE.

Work Hygienic Practices:PROVIDE WATER SOURCES FOR FIRST-AID TREATMENT IN CASE OF FROSTBITE.

Supplemental Safety and Health

=====  
===== Physical/Chemical Properties =====

HCC:G3

Boiling Pt:B.P. Text:-41F,-40C

Melt/Freeze Pt:M.P/F.P Text:-256F,-160C

Vapor Pres:121.4

Vapor Density:3.11

Spec Gravity:1.21

pH:UNK

Solubility in Water:SLIGHT

Appearanc

e and Odor:COLORLESS LIQUEFIED GAS WITH FAINT ETHERAL ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

HOT REACTIVE METALS.

Stability Condition to Avoid:DECOMPOSES IN FIRE.

Hazardous Decomposition Products:HALOGENS, HALOGEN ACIDS, CARBONYL HALIDES INCLUDING PHOSGENE.

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

Waste Disposal Methods:SMALL SPILL OR LEAK: N.A. (WILL D

ISPERSE

ITSELF). FOR MODERATE QUANTITIES, WITH PERMISSION OF AUTHOROTIES,  
PERMIT TO EVAPORATE IN AIR AT SLOW RATE AS NOT TO EXCEED SAFE  
LEVEL.

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