

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
Appearance 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

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

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