

TECHNICAL COMPANY -- REFRIGERANT 12 #6012,6022 -- 6830-00-816-6533

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

Product ID:REFRIGERANT 12 #6012,6022

MSDS Date:12/29/1988

FSC:6830

NIIN:00-816-6533

MSDS Number: BJXZD

=== Responsible Party ===

Company Name:TECHNICAL COMPANY

Address:10737 SPANGLER ROAD

Box:20098

City:DALLAS

State:TX

ZIP:75220-7101

Country:US

Info Phone Num:214-556-1421 OR 800-527-0885

Emergency Phone Num:214-556-1421

Preparer's Name:KELLY BERRIOCHOA

CAGE:M

O029

=== Contractor Identification ===

Company Name:TECHNICAL CHEMICAL COMPANY

Address:10737 SPANGLER ROAD

Box:20098

City:DALLAS

State:TX

ZIP:75220-7101

Country:US

Phone:972-556-1421

CAGE:8X792

Company Name:TECHNICAL COMPANY

Address:10737 SPANGLER ROAD

Box:20098

City:DALLAS

State:TX

ZIP:75220-7101

Country:US

Phone:214-556-1421 OR 800-527-0885

CAGE:MO029

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

Ingred Name:DICHLORODIFLUOROMETHANE (SARA III)

CAS:75-71-8

RTECS #:PA82

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Other REC Limits:NONE SPECIFIED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS
Ozone Depleting Chemical:1

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

LD50 LC50 Mixture:ORAL LD50 (RAT) = 167 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: MAY CAUSE EYE & SKIN
IRRITATION. INHALATION MAY CAUSE RESPIRATORY TRACT IRRITAT
ION AND
NARCOSIS.MAY EXPERIENCE ASPHYXIATION,CARDIAC ARRHYTHMIAS.
Effects of Overexposure:SEE HEALTH HAZARDS DATA.
Medical Cond Aggravated by Exposure:PREEXISTING CONDITIONS MAY BE
WORSEN

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

First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR.
IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN. EYE:
FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET
MEDICAL AT TENTION. S
KIN: REMOVE CONTAMINATED CLOTHING. WASH WITH
SOAP AND WATER PROMPTLY. INGESTION: DO NOT INDUCE VOMITING. GIVE
MILK OR WATER TO DRINK ONLY IF CONSCIOUS. GET IMMEDIATE MEDICAL
ATTENTION.

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

Flash Point:NONE
Extinguishing Media:NON FLAMMABLE
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL
FIRE EXPOSED CONTAINERS WITH WATER
SPRAY.
Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:SMALL SPILL: WIPE UP WITH RAGS OR TOWELS.
LARGE SPILLS: EVACUATE AREA. WEAR NIOSH APPROVED RESPIRATOR.
VENTILATE AREA. DIKE TO RETAIN FLUID. PUMP UP FREE LIQUID. RESIDUE
WILL EVAPORATE QUICKLY. DO NOT FLUSH TO SEWER OR WATERWAY.
Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED LOCATION, AWAY FROM ANY AREA WHERE THE FIRE HAZARD MAY BE ACUTE. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

Other Precautions:AVOID CONTACT WITH EYES AND SKIN.

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

Respiratory Protection:IN HIGH VAPOR AREA, USE NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE. USE SELF-CONTAINED BRE

ATHING APPARATUS IF VAPOR LEVELS EXCEED 1000 PPM. LONG-TERM OVEREXPOSURE MAY CAUSE LIVER/KIDN EY DAMAGE.

Ventilation:LOCAL EXHAUST RECOMMENDED TO CONTROL VAPORS BELOW 50% OF TLV.

Protective Gloves:NEOPRENE, PVA GLOVES RECOMMENDED.

Eye Protection:CHEMICAL SAFETY GOGGLES & FACE SHIELD.

Other Protective Equipment:APRON AND WORK CLOTHING TO MINIMIZE EXPOSURE. EYE WASH STATION & SAFETY SHOWER RECOMMENDED.

Work Hygienic Practices:WASH THOROUGHLY AFTER USE AND BEFORE EATING, SMOKING OR

USING TOILET FACILITIES. DO NOT BREATH VAPORS OR MIST.

Supplemental Safety and Health

TARGET ORGANS ARE SKIN, CNS, CVS, AND EYES.

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

HCC:V2

Boiling Pt:=-30.C, -22.F

Vapor Pres:79.8 PSIG

Vapor Density:4.25

Spec Gravity:1.31

Solubility in Water:INSOLUBLE

Appearance and Odor:COLORLESS LIQUID AND VAPOR-VERY SLIGHT EHEREAL TO ODORLESS.

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

Stability Indicator/Mater

ials to Avoid: YES

ALKALI OR ALKALINE EARTH METALS, POWDERED ALUMINUM, ZINC, BERYLLIUM.

Stability Condition to Avoid: HIGH HEAT

Hazardous Decomposition Products: WHEN INVOLVED IN FIRE, IRRITATING
HYDROGEN CHLORIDE, HF AND TRACES OF CARBONYL HALIDE (PHOSGENE
FUMES.)

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

Waste Disposal Methods: CONTAMINATED SAWDUST, VERMICULITE OR POROUS
SURFACE MUST BE DISPOSED OF IN A PERMITTED HAZARDOUS WASTE
MANAGEMENT FACILITY. RECOVERED
LIQUIDS MAY BE REPROCESSED OR
INCINERATED OR MUST BE TREATED IN A PERMITTED HAZARDOUS WASTE
MANAGEMENT FACILITY.

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