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## NATIONAL REFRIGERANTS, INC -- NATIONAL REFRIGERANT II -- 6830-00-281-3036

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

Product ID:NATIONAL REFRIGERANT II

MSDS Date:06/01/1988

FSC:6830

NIIN:00-281-3036

MSDS Number: BLKXR === Responsible Party ===

Company Name: NATIONAL REFRIGERANTS, INC

Address:11401 ROOSEVELT BLVD.

City:PHILADELPHIA

State:PA ZIP:19154 Country:US

Info Phone Num:609-455-4555

**Emergency Phone N** 

um:609-455-4555/800-424-9300 CHEMTREC

Preparer's Name:T. NAPRAVA

CAGE:4J994

=== Contractor Identification ===

Company Name: NATIONAL REFRIGERANTS INC

Address:661 KENYON AVE

Box:City:BRIDGETON

State:NJ ZIP:08302 Country:US

Phone:800-262-0012/215-698-6620

CAGE:4J994

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

Ingred Name:TRICHLOROFLUOROMETHANE (CFC-11) (SARA III)

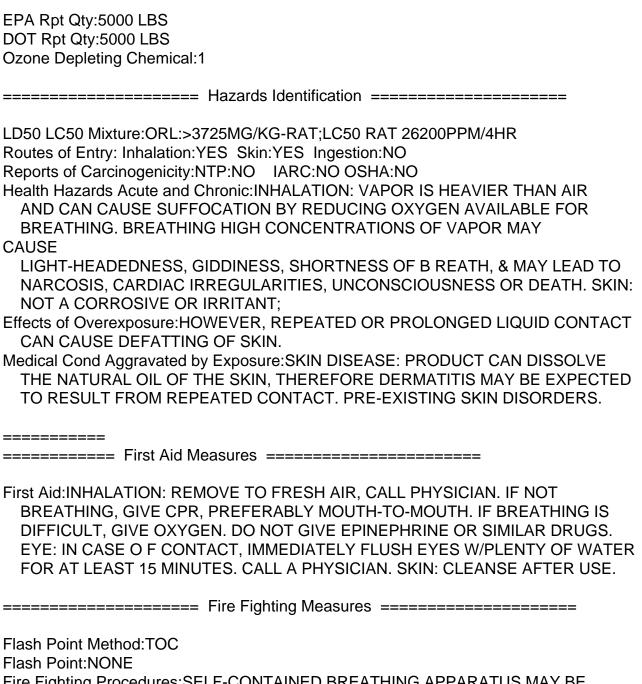
CAS:75-69-4

RTECS #:PB6125000

Other REC Limits: NONE SPECIFIED

OSHA PEL:1000 PPM

ACGIH TLV:C, 1000 PPM; 9293



Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS MAY BE REQUIRED IF DRUMS RUPTURE AND CONTENTS ARE SPILLED UNDER FIRE CONDITIONS.

Unusual Fire/Explosion Hazard: DRUMS MAY RUPTURE UNDER FIRE CONDITIONS.

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

Spill Release Procedures: VENTILATE AREA. DO NOT FLUSH INTO SEWERS. DIKE SPILL. COLLECT ON ABSORBENT MATERIAL & TRANSFER TO STEEL DRUMS FOR RECOVERY OR DISPOSAL. COMPLY W/FEDERAL, STATE

AND LOCAL REGULATIONS OR REPORTING RELEA SES.
=========== Handling and Storage =============
Handling and Storage Precautions:STORE IN A CLEAN, DRY AREA. DO NOT HEAT ABOVE 125 F.
====== Exposure Controls/Personal Protection ========
Respiratory Protection:UNDER NORMAL MANUFACTURING CONDITIONS, NO RESPIRATORY PROTECTION IS REQUIRED WHEN USING THIS PRODUCT. SELF-CONTAINED BREATHING APPARATUS (SCBA) IS REQUIRED IF A SPILL OCCURS.
Ventilatio n:NORMAL VENT IS GENERALLY ADEQUATE. USE LOCAL EXHAUST WHEN LARGE AMTS RELEASED. USE MECHANICAL VENT IN LOW PLACES. Protective Gloves:BUTYL GLOVES. Eye Protection:CHEMICAL SPLASH GOGGLES
Supplemental Safety and Health
========= Physical/Chemical Properties ==========
HCC:G3 Boiling Pt:B.P. Text:75.0F,23.9C Vapor Pres:.7PSIG@77F Vapor Density:4.9 pH:NEUTRL Evaporation Rate & Description (CC14=1) Solubility in Water:0.1% BY WT @ 77 F Appearance and Odor:COLORLESS LIQ UID; SLIGHT ETHERAL ODOR. Percent Volatiles by Volume:100
======== Stability and Reactivity Data =========
Stability Indicator/Materials to Avoid:YES ALKALI OR ALKALINE EARTH METALS - POWDERED AL, ZN, BE, ETC. Stability Condition to Avoid:AVOID OPEN FLAMES AND HIGH TEMPERATURES. Hazardous Decomposition Products:HIGH TEMPS (OPEN FLAMES, GLOWING SURFACES, ETC.) FORMING HYDROCHLORIC & HYDROFLUORIC ACIDS-POSSIBLE CARBONYL HALIDES.
======= Disposal Consider

Waste Disposal Methods:EPA HAZARDOUS WASTE NO. U121; F001; F002. COMPLY WITH FEDERAL, STATE AND LOCAL REGULATIONS. RECLAIM BY DISTILLATION OR REMOVE TO A PERMITTED WASTE DISPOSAL FACILITY.

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