

C F C RECLAMATION AND RECYCLING SERVICE INC -- NITROGEN -- 6830-01-391-5033

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

Product ID:NITROGEN

MSDS Date:01/01/1995

FSC:6830

NIIN:01-391-5033

MSDS Number: CHMGK

=== Responsible Party ===

Company Name:C F C RECLAMATION AND RECYCLING SERVICE INC

Address:318 N TREADAWAY

Box:560

City:ABILENE

State:TX

ZIP:79604

Country:US

Info Phone Num:9150-675-5311

Emergency Phon

e Num:9150-675-5311

CAGE:0XXK5

=== Contractor Identification ===

Company Name:C F C RECLAMATION AND RECYCLING SERVICE INC

Address:318 N TREADAWAY

Box:560

City:ABILENE

State:TX

ZIP:79604

Country:US

Phone:9150-675-5311 FAX: 915-675-5324

CAGE:0XXK5

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

Ingred Name:NITROGEN

CAS:7727-37-9

RTECS #:QW9700000

Other REC Limits:NONE RECOMMENDED

ACGIH TLV:ASPHYXIAN; 9394

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

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Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:NITROGEN IS A SIMPLE ASPHYXIANT.  
NITROGEN UNDER HIGH PRESSURE CAN PRODUCE NARCOSIS.LIQUID NITROGEN  
CAN CAUSE FREEZE BURNS.  
Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS  
LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.  
Effects of Overexposure:INHALATION:TINGLING OF THE TONGUE,FINGERTIPS  
AND TOES,WEAKENED SPEECH,INABIL  
ITY TO UTTER SOUNDS,RAPID REDUCTION  
IN ABILITY TO PERFORM MOVEMENTS,REDUCED CONSCIOUSNESS OF  
SURROUNDINGS,LOSS OF TACTILE SE NSATIONS,HEIGHTENED MENTAL  
ACTIVITY.  
Medical Cond Aggravated by Exposure:UNLIKELY TO AGGRIVATE EXISTING  
MEDICAL CONDITIONS.

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

First Aid:INHALATION: REMOVE SUBJECT TO FRESH AIR. RESCUE WORKERS, WEAR  
SCBA. GIVE OXYGEN/CPR AS NEEDED. NOTE TO PHYSICIAN: NO SPECIFIC  
ANTIDOTE. TREATMENT  
SHOULD BE DIRECTED AT THE CONTROL OF SYMPTOMS  
AND THE CLINICAL CONDITION.

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

Flash Point:NONFLAMMABLE  
Lower Limits:NOT GIVEN  
Upper Limits:NOT GIVEN  
Extinguishing Media:NONFLAMMABLE. INERT GAS.  
Fire Fighting Procedures:IF CYLINDERS ARE INVOLVED IN A FIRE, USE WATER  
SPRAY TO COOL OR RELOCATE.  
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:E  
VACUATE PERSONNEL. USE SELF-CONTAINED  
BREATHING APPARATUS WHERE NEEDED. SHUT OFF LEAK IF WITHOUT RISK.  
VENTILATE OR MOVE LEAKING CONTAINER TO WELL-VENTILATED AREA. TEST  
AREA, ESPECIALLY CONFINED AREA S, FOR OXYGEN CONTENT PRIOR TO  
PERMITTING REENTRY.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:USE ONLY IN WELL VENTILATED AREAS.  
CONTAINS NITROGEN AT EXTREMELY HIGH PRES

SURE. CLOSE VALVE WHEN NOT  
IN USE AND WHEN EMPTY.

Other Precautions:AVOID DRAGGING,ROLLING OR SLIDING CYLINDERS.USE HAND  
TRUCK.STORE OUTSIDE.KEEP AWAY FROM HEAT,FLAMES AND COMBUSTIBLE  
MATERIALS. KEEP AWAY FROM HEAVY TRAFFIC AREAS.AVOID EXPOSURE TO  
SALT OR OTHER CORROS IVE CHEMICALS.REPLACE CAP WHEN NOT IN US

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

Respiratory Protection:USE SCBA IN OXYGEN-DEFICIENT ATMOSPHERES.

CAUTION! RESPIRATORS WILL NOT FUNCT  
ION. USE MAY RESULT IN  
ASPHYXIATION.

Ventilation:MECHANICAL (GENERAL) VENTILATION AND/OR LOCAL EXHAUST AS  
NECESSARY.TEST ATMOSPHERE;MUST HAVE >18 MOLAR PERCENT OXYGEN.

Protective Gloves:LEATHER WORK GLOVES.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:OXYGEN MONITORING EQUIPMENT TO TEST FOR  
OXYGEN DEFICIENT ATMOSPHERES. SAFETY SHOES FOR CYLINDER HANDLING.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER  
BEFORE EATING, DRINKING, SMOKING OR USING TOILE  
T FACILITIES.

Supplemental Safety and Health  
NONE

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

HCC:G3

Boiling Pt:B.P. Text:302F,150C

Melt/Freeze Pt:M.P/F.P Text:-345F,-209C

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:0.97

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:SLIGHT

Appearance and Odor:COLORLESS, ODORLESS GAS

Percent Volatiles by Volume:GAS

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

Stability Indicator/Ma

terials to Avoid: YES

NONE

Stability Condition to Avoid: NONE

Hazardous Decomposition Products: NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods: VENT NITROGEN GAS SLOWLY TO A WELL VENTILATED OUTDOOR LOCATION REMOTE FROM WORK AREAS. DISCARD ANY PRODUCT, RESIDUE, DISPOSABLE CONTAINER IN FULL COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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