

ANSUL FIRE PROTECTION, WORMALD U.S.INC. -- NITROGEN -- 1650-01-155-0176

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

Product ID:NITROGEN

MSDS Date:06/01/1989

FSC:1650

NIIN:01-155-0176

MSDS Number: BLLXR

=== Responsible Party ===

Company Name:ANSUL FIRE PROTECTION, WORMALD U.S.INC.

Address:ONE STANTON STREET

City:MARINETTE

State:WI

ZIP:54143-2542

Country:US

Info Phone Num:715-735-7411

Emergency Phone Num:715

-735-7411

CAGE:03670

=== Contractor Identification ===

Company Name:ANSUL INC

Address:ONE STANTON STREET

Box:City:MARINETTE

State:WI

ZIP:54143-2542

Country:US

Phone:715-735-7411

CAGE:03670

Company Name:HAYNES ENTERPRISE

Address:1930-B W CARDINAL DRIVE

Box:4134

City:BEAUMONT

State:TX

ZIP:77705

Country:US

Phone:409-842-5709

CAGE:1GF04

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

Ingred Name:NITROGEN

CAS:7727-37-9

RTECS #:QW9700000

Fraction by Wt: 100%

Other REC Limits:NON

E SPECIFIED
ACGIH TLV:ASPHYXIAN; 9192

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS NOT APPLICABLE.
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: DIZZINESS, HEADACHES, TINNITUS,
DIFFICULTY BREATHING, DROWSINESS, DEPENDING ON LENGTH OF EXPOSURE
AND CONCENTRATIONS. CHRONIC: COMPRESSED AIR ILLNESS.
Explanation of Carcinogenicity:THIS PRODUCT IS NOT LISTED BY IARC, NTP
OR OSHA AS
A CARCINOGEN, MUTAGEN, TERATOGEN OR NEUROTOXIN.
Effects of Overexposure:ACUTE: DIZZINESS, HEADACHES, TINNITUS,
DIFFICULTY BREATHING, DROWSINESS, DEPENDING ON LENGTH OF EXPOSURE
AND CONCENTRATIONS. CHRONIC: COMPRESSED AIR ILLNESS.
Medical Cond Aggravated by Exposure:NONE KNOWN

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

First Aid:EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15
MINUTES WHILE HOLDING LIDS OPEN. IF REDNESS, ITCHING OR A BURNING
SENSATION DEVELOPS, GET MEDICAL ATTENTION. SKIN & EYES: TREAT FOR
FROSTBIT E IF NECESSARY. INHALATION: REMOVE VICTIM TO FRESH AIR. IF
NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS
DIFFICULT, GIVE OXYGEN. IF RESPIRATORY SYMPTOMS OCCUR, GET MEDICAL
ATTENTION.

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

Flash Point:NONE
Autoignition Temp:Autoignition Temp Text:NONE
Fire Fighting Procedures:THOUGH GAS CYLINDERS ARE EQUIPPED WITH
PRESSURE
AND TEMPERATURE RELIEF DEVICES, THEY SHOULD BE REMOVED
FROM HIGH TEMPERATURES OR FIRE TO AVOID RISK OF RUPTURE.
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:VENTILATE TO OUTSIDE.
Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE CONTAINERS IN A CLEAN, DRY WELL-
VENTILATED AREA, AWAY FROM HEAT ABOVE 125F. STORE A

S A COMPRESSED
GAS.

Other Precautions:DO NOT DEFACE CYLINDERS OR LABELS.

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

Respiratory Protection:NOT NORMALLY NECESSARY IF CONTROLS ARE ADEQUATE.
IF EXPOSURE IS PROLONGED, A SELF-CONTAINED BREATHING APPARATUS IS
RECOMMENDED.

Ventilation:LOCAL EXHAUST IS RECOMMENDED IN CONFINED SPACES.

Protective Gloves:FOR CONTACT WITH LIQUID.

Eye Protection:CHEMICAL GOGGLES & FACE SHIELD IF REQ'D.

Other Protective Equipment:PROTECT

IVE CLOTHING FOR CONTACT WITH LIQUID.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. USE PROPER CARE WHEN HANDLING AND STORING
CYLINDERS.

Supplemental Safety and Health

NONE

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

HCC:G3

Boiling Pt:B.P. Text:-320F,-196C

Vapor Density:0.98

Evaporation Rate & Reference:GAS AT ROOM TEMPERATURE

Solubility in Water:SLIGHT

Appearance and Odor:COLORLESS GAS, WITH NO ODOR.

Percent Vo

latiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

CAN REACT VIOLENTLY WITH LI, ND, TI UNDER PROPER CONDITIONS.

Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:DISPOSE OF IN COMPLIANCE WITH LOCAL, STATE, AND
FEDERAL REGULATIONS.

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