

ANSUL FIRE PROTECTION -- NITROGEN (16539, 5373) -- 4210-00-299-0014

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Product Identification
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Product ID:NITROGEN (16539, 5373)
MSDS Date:06/01/1989
FSC:4210
NIIN:00-299-0014
Kit Part:Y
MSDS Number: BJSFY
=== Responsible Party ===
Company Name:ANSUL FIRE PROTECTION
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

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Composition/Information on Ingredients
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Ingred Name:NITROGEN
CAS:7727-37-9
RTECS #:QW9700000
Fraction by Wt: 100%
ACGIH TLV:ASPHYXIAN; 9192

Ingred Name:INGRED 01: AVAILABLE OXYGEN. THE MINIMAL OXYGEN CONTENT
SHOULD BE 18% BY VOLUME UNDER NORMAL ATMOSPHERIC PRESSURE.
RTEC

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES:AVOID CONT W/LIQ FORM OF N*2. CAN
PRDCE CHILLING SENSATIONS/DISCOMFORT, ALSO FROSTBT. SKIN:EVAP OF
LIQ CAN PRDCE CHILLING SENSATIONS. FROSTBT CAN OCCUR. AVOID N*2
LIQ. INHAL:A SIMPLE ASPHYXIANT I N HIGH CONC
--DIZZ, SHORT OF
BREATH, UNCON/SUFFOCATION MAY OCCUR. INGEST:NOT LIKELY TO OCCUR
SINCE MATL IS GAS @ RM TEMP.
Explanation of Carcinogenicity:NOT RELEVANT
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 BY MANUFACTURER.

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

First Aid:EYE
S: IMMED FLUSH EYES W/PLENTY OF WATER FOR AT LEAST 15 MIN
WHILE HOLDING LIDS OPEN. IF REDNESS, ITCHING OR BURNING SENSATION
DEVELOPS, GET MD. TREAT FOR FROSTBITE IF NECESSARY. SKIN: WASH MATL
OFF S KIN W/COPIOUS AMTS OF SOAP & WATER FOR AT LEAST 15 MIN. IF
REDNESS, ITCHING OR BURNING SENSATION DEVELOPS, GET MD. TREAT FOR
FROSTBITE IF NECESSARY. INHAL: REMOVE TO FRESH AIR. (SEE SUPP DATA)

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

Flash Point:NONE
F
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

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

Spill Release Procedures:VENTILATE TO OUTSIDE.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:ST

ORE CONTAINERS IN A CLEAN, DRY, WELL
VENTILATED AREA AWAY FROM HEAT >125F. STORE AS COMPRESSED GAS IN
DOT APPROVED VESSELS. IF CYL (SEE OTHER PREC)
Other Precautions:HNDLG/STOR PREC: IS NOT ATTACHED TO A SYSTEM, IT MAY
BE SAFETY CAPPED TO PROTECT AGAINST VIOLENT VESSEL MOVEMENT OR
FORCE OF ESCAPING GAS IF VALVE IS ACTUATED OR SEAL IS ACCIDENTALLY
PUNCTURED.

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

Respiratory Protection:NOT NORMALLY NECESSARY IF C
ONTROLS ARE ADEQUATE.

IF EXPOSURE IS PROLONGED, A NIOSH/MSHA APPROVED SCBA IS
RECOMMENDED.

Ventilation:MECHANICAL (GENERAL) RECOMMENDED, LOCAL EXHAUST RECOMMENDED
IN CONFINED SPACES.

Protective Gloves:IMPERVIOUS GLOVES

Eye Protection:CHEM WORK GOGGLES/FACESHIELD OPT

Other Protective Equipment:PROTECTIVE CLOTHING FOR CONTACT WITH LIQUID.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FIRST AID PROC: IF COUGH OR OTHER RESPIRATORY SYMPTOMS OCCUR
, CONSULT

MD. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY
MOUTH-TO-MOUTH. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CONSULT MD.

INGEST: INGESTION IS NOT LIKELY TO OCCUR SINCE THIS MATERIAL IS
GAS AT ROOM TEMPERATURE.

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

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

Vapor Density:0.98

Evaporation Rate & Reference:N/A - GAS AT ROOM TEMP.

Solubility in Water:SLIGHT

Appearance and Odor:COLORLESS GAS, WITH NO ODOR

Percent Volatiles 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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