

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

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

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===== 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.

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===== 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

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

Stability Indicator/Materials to Avoid:YES

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

Hazardous Decomposition Products:NONE

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

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

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