

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  
F  
ire 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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