

AIR LIQUIDE AMERICA CORP -- NON-FLAMMABLE GAS MIXTURE -- 6665-01-444-8326

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Product Identification
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Product ID:NON-FLAMMABLE GAS MIXTURE

MSDS Date:04/28/1997

FSC:6665

NIIN:01-444-8326

Status Code:A

MSDS Number: CJMBG

=== Responsible Party ===

Company Name:AIR LIQUIDE AMERICA CORP

Address:821 CHESAPEAKE DRIVE

City:CAMBRIDGE

State:MD

ZIP:21613

Country:US

Info Phone Num:410-228-6400;713-868

-0440

Emergency Phone Num:410-228-6400

Resp. Party Other MSDS Num.:MSDS #50018

Preparer's Name:CHEMICAL SAFETY ASSOCIATE

Chemtec Ind/Phone:(800)424-9300

CAGE:04AA7

=== Contractor Identification ===

Company Name:AIR LIQUIDE AMERICA CORP

Address:821 CHESAPEAKE DRIVE

Box:City:CAMBRIDGE

State:MD

ZIP:21613

Country:US

Phone:410-228-6400;713-868-0440

CAGE:04AA7

Company Name:MAJOR SAFETY SERVICE

Address:4500 PATENT RD

Box:City:NORFOLK

State:VA

ZIP:23502-5605

Country:US

Phone:804-855-2088

Contract Num:S

P0-440-99-M-BC05
CAGE:3P443

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Composition/Information on Ingredients
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Ingred Name:OXYGEN
CAS:7782-44-7
RTECS #:RS2060000
Minumum % Wt:0.
Maxumum % Wt:23.5
Other REC Limits:NONE RECOMMENDED

Ingred Name:METHANE
CAS:74-82-8
RTECS #:PA1490000
Minumum % Wt:0.
Maxumum % Wt:2.5
Other REC Limits:NONE RECOMMENDED

Ingred Name:HYDROGEN SULFIDE
CAS:7783-06-4
RTECS #:MX1225000
Minumum % Wt:0.
Maxumum % Wt:.02
Other REC Limits:NONE RECOMMENDED
OSHA PEL:see Table Z-2
OSHA STEL:50
PPM
ACGIH TLV:14 MG/M3;10 PPM
ACGIH STEL:21 MG/M3;15 PPM
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:CARBON MONOXIDE
CAS:630-08-0
RTECS #:FG3500000
Minumum % Wt:0.
Maxumum % Wt:1.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:55 MG/M3;50 PPM
OSHA STEL:C 200 PPM
ACGIH TLV:29 MG/M3;25 PPM

Ingred Name:NITROGEN
CAS:7727-37-9
RTECS #:QW9700000
Fraction by Wt: BALANCE
Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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LD50 LC50 Mixture:LC50

(INH,RAT):444 PPM(HYDROGEN SULFIDE)

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS: RESPIRATORY SYSTEM, BLOOD SYSTEM, CNS, CVS, REPRODUCTIVE SYSTEM, SKIN, EYES. ACUTE: DUE TO SMALL SIZE OF INDIVIDUAL CYLINDER, NO UNUSUAL HEALTH EFFECTS ARE ANTICIPATED UNDER ROUTINE USE . HOWEVER, HYDROGEN SULFIDE AND CARBON MONOXIDE ARE TOXIC. OVER-EXPOSURE CAN CAUSE NAUSEA, DIZZINESS, HEADACHE, COLLAPSE, UNCONSCIOUSNESS, COM AND DEATH.

HYDROGEN SULFIDE CAN IRRITATE SKIN AND EYES. SEVERE EYE CONTAMINATION CAN RESULT IN BLINDNESS. CHRONIC: SEVERE OVEREXPOSURE TO HYDROGEN SULFIDE, WHICH DO NOT RESULT IN DEATH, MAY CAUSE LONG-TERM SYMPTOMS SUCH AS MEMORY LOSS, PARALYSIS, NERVE DAMAGE, EYE DAMAGE.

Explanation of Carcinogenicity:THE COMPONENTS OF THIS GAS MIXTURE ARE NOT CONSIDERED TO BE, NOR SUSPECTED TO BE, CANCER CAUSING AGENTS BY OSHA, NTP, IARC AGENCIES.

Effects of Overexposure:HYDROGEN SULFIDE: ODOR IS UNPLEASANT. MAY BE

IRRITATING TO SKIN. INFLAMMATION AND IRRITATION OF EYES CAN OCCUR AT VERY LOW AIRBORNE CONCENTRATION (