View NSN Online: https://aerobasegroup.ae/nsn/6830-00-182-6315

SCOTT SPECIALTY GASES -- CALIBERATING GAS -- 6830-00-182-6315

Product ID:CALIBERATING GAS

MSDS Date:10/16/1989

FSC:6830

NIIN:00-182-6315

MSDS Number: BLWBB === Responsible Party ===

Company Name: SCOTT SPECIALTY GASES

Address: ROUTE 611 NORTH

Box:D-11

City:PLUMSTEADVILLE

State:PA ZIP:18949 Country:US

Info Phone Num:215-766-8861

Emergency Phone Num:215-766-8861

CAGE :51847

=== Contractor Identification ===

Company Name: SCOTT SPECIALTY GASES Address: 6141 EASTON RD (6141 ROUTE 611)

Box:310

City:PLUMSTEADVILLE

State:PA ZIP:18934 Country:US

Phone:215-766-8861/ FAX: 215-766-0416

CAGE:51847

Company Name: UNION CARBIDE CORP MATERIALS SYSTEMS DIVISION

Address:11901 MADISON AVE

Box:City:CLEVELAND

State:OH ZIP:44101 Country:US CAGE:05397

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

Ingred Name: OXYGEN

CAS:7782-44-7

RTECS #:RS2060000

Fraction b

y Wt: 21-22%

Other REC Limits: NONE SPECIFIED

Ingred Name:NITROGEN

CAS:7727-37-9

RTECS #:QW9700000 Fraction by Wt: 78-79%

Other REC Limits:NONE SPECIFIED ACGIH TLV:ASPHYXIANT; 9192

Ingred Name:TRICHLOROFLUOROMETHANE (FREON-11) (SARA III)

CAS:75-69-4

RTECS #:PB6125000 Fraction by Wt: 50% PPM

Other REC Limits: NONE SPECIFIED

OSHA PEL:1000 PPM

ACGIH TLV:C, 1000 PPM; 9293

EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS Ozone Depleting Chemical:1

Ingred Name: DICHLORODIFLUOROMETHANE (FREON 12) (SARA III)

CAS:75-71-8

RTECS #:PA8200000 Fraction by Wt: 50% PPM

Other REC Limits: NONE SPECIFIED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS Ozone Depleting Chemical:1

Ingred Name:DICHLOROTETRAFLUOROETHANE (FREON 114) (SARA III)

CAS:76-14-2

RTECS #:KI1101000 Fraction by Wt: 50% PPM

Other REC Limits: NONE SPECIFIED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192 Ozone Depleting Chemical:1

Ingred Name: HEXANE (N-HEXANE)

CAS:110-54-3

RTECS #:MN9275000 Fraction by Wt: 10% P PMOther REC Limits: NONE SPECIFIED OSHA PEL:500 PPM ACGIH TLV:50 PPM; 9293 EPA Rpt Qty:1 LB DOT Rpt Qty:1 LB Ingred Name: METHANE CAS:74-82-8 RTECS #:PA1490000 Fraction by Wt: 200% PPM Other REC Limits: NONE SPECIFIED ACGIH TLV:ASPHYXIANT; 9192 ========= Hazards Identification =============== LD50 LC50 Mixture:LD50 (ORAL RAT) IS NOT APPLICABLE. Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic: ACUTE: NONE AT ATMOSPHERIC PRESSURES. CHRONIC: NONE. Explanation of Carcinogenicity: NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN. Effects of Overexposure:NONE Medical Cond Aggravated by Exposure: NONE ------ First Aid Measures -----First Aid: INHALATION REMOVE TO FRESH AIR. Extinguishing Media: USE WATER FOG, CARBON DIOXIDE, FOAM, O R DRY CHEMICAL. Fire Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY. Unusual Fire/Explosion Hazard: MIXTURE CONTAINING 21% OXYGEN SUPPORT COMBUSTION. ======== Accidental Release Measures =============

Spill Release Procedures: EVACUATE ALL PERSONNEL FROM RELEASE AREA.

Neutralizing Agent: NOT APPLICABLE.

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

Handling and Storage Precautions:PROTECT CYLINDERS FROM PHYSICAL DAMAGE. STORE AWAY FROM EXTREME HEAT. KEEP CYLINDER VALVES CLOSED WHEN NOT IN USE AND WHEN EMPTY.

Other Precautions:DO NOT DEFACE CYLINDERS OR LABELS. HANDLE CYLINDERS WITH PROPER CAUTION.

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

Ventilation:LOCAL EXHAUST

Protective Gloves: WORK GLOVES FOR HANDLING CYLINDERS. Eye Protection: APPROVED SAFETY GLASSES OR FACE SHIELD.

Other Prot

ective Equipment: SAFETY SHOES AND HEARING PROTECTION.

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

Supplemental Safety and Health

CALIBERATING GAS IS MOSTLY COMRESSED AIR, IT CONTAINS CONTAINS NGLIGIBLE AMOUNTS OF: 200 PPM MATHANE, 50 PPM FREON 114, 50 PPM UCON 11, 10 PPM HEXANE. MRF SENT MSDS FOR EACH CONSTITUENT, BUT ALL MSDS' S WERE COMBINED INTO ONE.

======== Ph ysical/Chemical Properties ==========

HCC:G3

Boiling Pt:B.P. Text:-318F,-194C

Vapor Pres:GAS Vapor Density:1.0

Solubility in Water:18.7 CM3/L

Appearance and Odor: COLORLESS, ODOR LESS GAS

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products: SMALL AMOUNTS O

F PHOSGENE, HDROGEN CHLORIDE AND HYDROGEN FLOURIDE MAY BE PRODUCED

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

Waste Disposal Methods:MOVE LEAKY CYLINDER TO OUTDOORS OR VENTILATED HOOD. ALLOW GAS TO DISCHARGE AT MODERATE RATE. REMOVE ALL FLAMMABLE MATERIALS FROM VICINITY. DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FED ERAL, STATE AND LOCAL LAWS AND REGULATIONS.

Disclaimer (provided with this information by the compiling agencies): This

information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.