View NSN Online: https://aerobasegroup.com/nsn/4120-01-368-8257 ENGINEERED AIR SYSTEMS INC -- 62001-100 R134A -- 4120-01-368-8257 Product ID:62001-100 R134A MSDS Date:04/12/1996 FSC:4120 NIIN:01-368-8257 MSDS Number: CDRWL === Responsible Party === Company Name: ENGINEERED AIR SYSTEMS INC Address:1270 N PRICE RD City:SAINT LOUIS State:MO ZIP:63132-5000 Country:US Info Phone Num:314-993-5885 Emergency Phone Num:314-993-5885 CA GE:90598 === Contractor Identification === Company Name: ENGINEERED AIR SYSTEMS INC Address:1270 N PRICE RD Box: City: SAINT LOUIS State:MO ZIP:63132 Country:US Phone:314-993-5885 CAGE:90598

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

Ingred Name:1,1,1,2-TETRAFLUOROETHANE (R134A)

CAS:811-97-2

Fraction by Wt: 100%

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO

IARC:NO OSHA:NO Health Hazards Acute and Chronic: INHALATION: OVEREXPOSURE MAY CAUSE CNS DEPRESSION & DEATH. SKIN/EYES: FROSTBITE. **Explanation of Carcinogenicity:NONE** Effects of Overexposure:DIZZINESS, CONFUSION, INCOORDINATION, DROWSINESS, UNCONSCIOUSNESS, IRREGULAR HEART BEAT, HEART THUMPING, APPREHENSION, LIGHTHEADEDNESS, FEELING OF FAINTING, WEAKNESS, LOSS OF CONSCIOUSNESS, SUFFOCATIO N. Medical Cond Aggravated by Exposure: PRE-EXISTING DISEASE OF THE CNS, **CARDIOVASCULAR** SYSTEM. First Aid:INHALATION: REMOVE TO FRESH AIR. KEEP CALM & QUIET. GIVE CPR/OXYGEN IF NEEDED. SKIN: FLUSH W/PLENTY OF WATER FOR 15 MINS. TREAT FOR FROSTBITE IF NECESSARY BY GENTLY WARMING AREA. EYES: FLUSH W/PLENTY OF WATER FOR 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES, MEDICAL USE: DON'T USE IN MEDICAL APPLICATIONS INVOLVING PERMANENT IMPLANTATION IN THE HUMAN BODY. ======= Fire Fighting Measures ========= Extinguishing Media: USE MEDIA APPROPRIATE FOR SURROUNDING MATERIAL. Fire Fighting Procedures: COOL TANK/CONTAINER W/WATER SPRAY. SCBA MAY BE REQUIRED IF CYLINDERS RUPTURE/RELEASE UNDER FIRE CONDITIONS. Unusual Fire/Explosion Hazard: CYLINDERS MAY RUPTURE UNDER FIRE CONDITIONS & DECOMPOSITION MAY OCCUR. WELDING/SOLDERING TORCH FLAME MAY CHANGE THE SIZE & COLOR, AUTOIGNITION TEMP: >1369F. ====== Accidental Release Measures ====== ========

Spill Release Procedures:USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT DURING CLEAN UP. VENTILATE AREA, ESPECIALLY LOW/ENCLOSED PLACES WHERE HEAVY VAPORS MIGHT COLLECT. REMOVE OPEN FLAMES. USE SCBA IF LARGE LEAKS OCCUR.

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

Handling and Storage Precautions:STORE IN A CLEAN, DRY PLACE. DON'T HEAT >126F. USE W/SUFFICIENT VENTILATION TO KEEP EMPLOYEE EXPOSURE BELOW RECOMMENDED LIMITS.

Other Precautions

Waste Disposal Methods: CONTAMINATED ETHANE-134A CAN BE RECOVERED BY DISTALLATION/REMOVED TO A PERMITTED WASTE DISPOSAL FACILITY IAW/FEDERAL, STATE & LOCAL REGULATIONS. NONFLAMMABLE GAS UN3159.

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