

ATCO MFG CO -- KWIK-KLEEN, 4263-012 -- 7930-00N056082

===== Product Identification =====

Product ID:KWIK-KLEEN, 4263-012  
MSDS Date:10/14/1993  
FSC:7930  
NIIN:00N056082  
MSDS Number: BWBYM  
=== Responsible Party ===  
Company Name:ATCO MFG CO  
Address:1400 BARCLAY CIRCLE  
City:MARIETTA  
State:GA  
ZIP:30060  
Country:US  
Info Phone Num:404-424-7550  
Emergency Phone Num:404-424-7550  
CAGE:3Y342

=== Contractor Identification ===

Company Name:ATCO MANUFACTURING CO  
Address:1400 BARCLAY CIRCLE  
Box:City:MARIETTA  
State:GA  
ZIP:30060  
Country:US  
Phone:404-424-7550  
CAGE:3Y648  
Company Name:ATCO MFG CO  
Address:1400 BARCLAY CIR  
City:MARIETTA  
State:GA  
ZIP:30060-2926  
Country:US  
Phone:404-424-7550  
CAGE:3Y342

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

Ingred Name:ETHANE,1,1-DICHLORO-1-FLUORO-; (1,1  
DICHLORO-1-FLUOROETHANE)  
CAS:1717-00-6  
RTECS #:KI0997000  
OSHA PEL:N/K  
ACGIH TLV:N/K  
Ozone Depleting Chemical:2

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

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:CHLOROFLUOROCARBON (CFC) MATLS HAVE  
PRODUCED SENSITIZATION OF MYOCARDIUM TO EPINEPHRINE IN LABORATORY  
ANIMALS AND COULD HAVE A SIMILAR EFFECT IN HUMANS. ADRENOMIMETICS  
(I.E., EPINEPHRINE) MAY BE CONTR A-INDICATED EXCEPT FOR  
LIFE-SUSTAINING USES IN HUMANS ACUTELY OR CHRONICALLY EXPOSED TO  
CFCs. (EFTS OF OVEREXP)  
Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ:ACUTE:HIGH CONCENTRATIONS MAY  
SENSITIZE THE HEART TO ADRENALINE. EYE CONT:IRRITANT. SKIN  
CONT:DEFATTING. INGESTION:VOMITING/POSSIBLE CHEMICAL PNEUMONITIS IF  
ASPIRATED IN LUNGS.

Medical Cond Aggravated by Exposure:BREATHING DISORDERS.

===== First Aid Measures =====

First Aid:EYES:FLUSH WITH WATER FOR @ LEAST 15 MINUTES. GET MED ATTN.  
SKIN:WASH SOAP/WATER. INHAL:MOVE TO FRESH AIR. INGEST:DO NOT INDUCE  
VOMITING. DRINK H<sub>2</sub>O.

===== Fire Fighting Measures =====

Extinguishing Media:WATER SPRAY OR FOG.  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED PRESSURE DEMAND SCBA  
& FULL PROTECTIVE EQUIPMENT .  
Unusual Fire/Explosion Hazard:THERMAL DECOMP PROD MAY INCLUDE  
FLUORIDES, CHLORIDES, AND PHOSGENE . MAY DECOMPOSE DURING CONT  
W/FLAMES, HEATING ELEMENTS. TOXIC & CORR FUMES COUOLD RSLT.

===== Accidental Release Measures =====

Spill Release Procedures:EXTING IGNIT SOURCES. KEEP UP WIND OF SPILL.  
STOP LEAK.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT PUNCTURE/INCIN CNTNRS. DO NOT  
STORE @ TEMP ABOVE 120°F. KEEP AWAY FROM HEAT/FLAME. KEEP OUT OF  
REACH FROM CHILDREN. AVOID BRTHG VAPORS.  
Other Precautions:AVOID POLYSTYRENE & POLYCARBONATE PLASTICS. AVOID  
FOOD CONTAM. NO SMOKING IN AREA OF USE. DO NOT USE IN GEN VICIN OF  
ARC WELDING, OPEN FLAMES/HOT SURF. HEAT AND/OR UV RADIA MAY CAUSE  
FORMATION OF CHLO RIDES, FLUORIDES OR PHOSGEN .

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

Respiratory Protection:NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IN  
INADEQUATELY VENTILATED AREAS.  
Ventilation:LOCAL EXHAUST - USUALLY ADEQUATE.  
Protective Gloves:RUBBER GLOVES.  
Eye Protection:SAFETY GLASSES.  
Other Protective Equipment:NONE.  
Work Hygienic Practices:STANDARD INDUSTRIAL PRACTICES. DO NOT SMOKE  
AROUND FUMES.  
Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

===== Physical/Chemical Properties =====

Boiling Pt:B.P. Text:90.0°F, 32.2°C  
Vapor Pres:100 PSIG  
Vapor Density:4  
Spec Gravity:1.25  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:CLEAR COLORLESS, LIQUIFIED GAS WITH ETHERAL ODOR

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS, STRONG ALKALIS.

Stability Condition to Avoid: THERMAL DECOMPOSITION DUE TO EXPOSURE TO HEAT/FIRE.

Hazardous Decomposition Products: CHLORIDES, FLUORIDES AND PHOSGENE .  
HYDROGEN FLUORIDE, HYDROGEN CHLORIDE, CO, CO\*2 AND CHLORINE.

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

Waste Disposal Methods: AEROSOL CANS WHEN VENTED TO ATMOSPHERIC PRESS  
THRU NORMAL USE, POSE NO DISPOSAL HAZARD. DISPOSAL MUST BE IN  
ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS .

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