

AEROSOL SYSTEMS INC -- 765-1366, OPEN GEAR LUBE TM-1572 -- 9150-00N029431

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

Product ID:765-1366, OPEN GEAR LUBE TM-1572

MSDS Date:06/04/1986

FSC:9150

NIIN:00N029431

MSDS Number: BMVWM

=== Responsible Party ===

Company Name:AEROSOL SYSTEMS INC

Address:9150 VALLEY VIEW RD

City:MACEDONIA

State:OH

ZIP:44056

Country:US

Info Phone Num:216-467-4195

Emergency Phone Num:216-467-4195

Preparer's Name:LLOYD FLANNER

CAGE:2F853

=== Contractor Identification ===

Company Name:AEROSOL SYSTEMS INC

Address:9150 VALLEY VIEW RD

Box:City:MACEDONIA

State:OH

ZIP:44056-2013

Country:US

Phone:330-467-4195 / 330-467-6641

CAGE:2F853

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

Ingred Name:ETHANE, 1,1,1-TRICHLORO-; (METHYL CHLOROFORM) (SARA III)

CAS:71-55-6

RTECS #:KJ2975000

Fraction by Wt: 12%

OSHA PEL:350 PPM;450 STEL

ACGIH TLV:350 PPM;450 STEL

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ozone Depleting Chemical:1

Ingred Name:PERCHLOROETHYLENE; (TETRACHLOROETHYLENE) (SARA III)

CAS:127-18-4

RTECS #:KX3850000

Fraction by Wt: 25%

OSHA PEL:100 PPM

ACGIH TLV:25PPM/100,A3 STEL;94

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:PROPANE

CAS:74-98-6

RTECS #:TX2275000

Fraction by Wt: 11%

OSHA PEL:1000 PPM

ACGIH TLV:SIMPLE ASPHYXIAN

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:MAY CAUSE DIZZINES OR NARCOSIS IN HIGH VAPOR CONCENTRATIONS. WILL CAUSE DEFATTING OF SKIN. EFFECTS ARE REVERSIBLE. LONG TERM EXPOSURE (YEARS) VAPOR MAY CAUSE LUNG, LIVER OR KIDNEY DAMAGE.

Explanation of Carcinogenicity:PERCHLOROETHYLENE:GROUP 2 (NTP), GROUP 2B (IARC).

Effects of Overexposure:INHAL:DFCLTY IN BRTHG. SKIN:REDNESS. INGEST: VOMIT. CHLOROCARBON MATLS HAVE PRODUCED SENSIT OF MYOCARDIUM TO EPINEPHRINE IN LAB ANIMALS & COULD HAVE SIMILAR EFT IN HUMANS. ADRENOMIMETICS (E.G., EPINEP HRINE) MAY BE CONTRAINDICATED EXCEPT FOR LIFE-SUSTAINING USES IN HUMANS ACUTELY/CHRONICALLY EXPOS TO CHLOROCARBON

Medical Cond Aggravated by Exposure:HEART DISEASE.

=====
 First Aid Measures
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First Aid:INHAL: GIVE OXYGEN. INGEST: DO NOT INDUCE VOMITING. GASTRIC LAVAGE. EYE/SKIN: WASH EYES AND SKIN WITH WATER FOR AT LEAST 15 MIN.

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 Fire Fighting Measures
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Flash Point Method:TCC

Flash Point:-40F,-40C

Lower Limits:1.8%

Upper Limits:12.0%

Extinguishing Media:USE WATER FOG, DRY CHEMICAL OR CO2.

Fire Fighting Procedures:AEROSOL CANS MAY RUPTURE WHEN HEATED. WEAR NIOSH/MSHA APPROVED PRESSURE DEMAND SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:HEATED CANS MAY BURST. THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE HCL AND PHOSGENE .

=====
 Accidental Release Measures
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Spill Release Procedures:USE ABSORBENT SWEEPING COMPOUND TO SOAK UP MATERIAL. PUT INTO CONTAINER. DISPOSE AS HAZARDOUS WASTE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

=====
 Handling and Storage
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Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS, OR OPEN FLAME. STORE AT TEMPERATURES BELOW 120F.

Other Precautions:NO SMOKING IN AREA OF USE. DO NOT USE IN THE GENERAL VICINITY OF ARC WELDING, OPEN FLAMES OR HOT SURFACES. HEAT AND/OR UV RADIATION MAY CAUSE THE FORMATION OF HCL AND/OR PHOSGENE .

=====
 Exposure Controls/Personal Protection
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Respiratory Protection:NIOSH/MSHA APPROVED SCBA IF ABOVE TLV LIMITS.

Ventilation:LOCAL EXHAUST.

Protective Gloves:NONE REQUIRED IF SPRAYING. (SUPP DATA)

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:LONG SLEEVES AND LONG PANTS.

Work Hygienic Practices:DO NOT SMOKE WHILE SPRAYING. WASH HANDS AFTER USE.

Supplemental Safety and Health
PROT GLOVES: IMPERVIOUS GLOVES .

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

HCC:V3
Boiling Pt:B.P. Text:>-40F,>-40C
Vapor Pres:40 PSIG
Vapor Density:4.0
Spec Gravity:1.0 (H2O=1)
Evaporation Rate & Reference:0.9 (BUTYL ACETATE=1)
Solubility in Water:NONE
Appearance and Odor:BLACK-SOLVENT ODOR.

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

Stability Indicator/Materials to Avoid:YES
NONE.
Stability Condition to Avoid:HIGH TEMPERATURES.
Hazardous Decomposition Products:IN FIRE WILL DECOMPOSE TO CO2 AND
WATER. HCL, PHOSGENE .

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

Waste Disposal Methods:DISPOSE AS HAZARDOUS WASTE IN ACCORDANCE WITH
EPA RCRA. DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL, STATE AND
LOCAL REGULATIONS .

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