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## MSDS Safety Information

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**FSC:** 6850      **MSDS Date:** 07/11/1986      **MSDS Num:** BMYXR  
**Submitter:** N EN      **LIIN:** 00N029444      **Tech Review:** 09/13/1995      **Status CD:** C  
**Product ID:** 765-1401, DISC BRAKE SILENCER TM-1646      **MFN:** 01  
**Article:** N      **Kit Part:** N

**Responsible Party:**      **Cage:** 2F853  
**Name:** AEROSOL SYSTEMS INC  
**Address:** 9150 VALLEY VIEW RD  
**City:** MACEDONIA      **State:** OH      **Zip:** 44056  
**Country:** US  
**Info Phone Number:** 216-467-4195  
**Emergency Phone Number:** 216-467-4195  
**Preparer's Name:** LLOYD FLANNER  
**Proprietary Ind:** N      **Review Ind:** N  
**Published:** Y      **Special Project CD:** N

## Contractor Summary

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**Cage:** 2F853      **Name:** AEROSOL SYSTEMS INC  
**Address:** 9150 VALLEY VIEW RD  
**City:** MACEDONIA      **State:** OH      **Zip:** 44056-2013  
**Country:** US      **Phone:** 216-467-4195 / 216-467-6641

## Ingredients

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**Cas:** 74-98-6      **Code:** M      **RTECS #:** TX2275000      **Code:** M  
**Name:** PROPANE  
**% Text:** 15      **Environmental Wt:**  
**Other REC Limits:** N/K  
**OSHA PEL:** 1000 PPM      **Code:** M      **OSHA STEL:**      **Code:**  
**ACGIH TLV:** SIMPLE ASPHYXIANT      **Code:** M      **ACGIH N/P STEL:**      **Code:**  
**EPA Rpt Qty:**      **DOT Rpt Qty:**

**Ozone Depleting Chemical:** N

**Cas:** 67-64-1      **Code:** M      **RTECS #:** AL3150000      **Code:** M  
**Name:** ACETONE  
**% Text:** 11      **Environmental Wt:**  
**Other REC Limits:** N/K  
**OSHA PEL:** 1000PPM      **Code:** M      **OSHA STEL:**      **Code:**  
**ACGIH TLV:** 750PPM/1000STEL;9293      **Code:** M      **ACGIH N/P STEL:**      **Code:**  
**EPA Rpt Qty:** 5000 LBS      **DOT Rpt Qty:** 5000 LBS

**Ozone Depleting Chemical:** N

**Cas:** 141-78-6      **Code:** M      **RTECS #:** AH5425000      **Code:** M  
**Name:** ACETIC ACID, ETHYL ESTER; (ETHYL ACETATE)  
**% Text:** 12      **Environmental Wt:**  
**Other REC Limits:** N/K  
**OSHA PEL:** 400 PPM      **Code:** M      **OSHA STEL:**      **Code:**  
**ACGIH TLV:** 400 PPM      **Code:** M      **ACGIH N/P STEL:**      **Code:**  
**EPA Rpt Qty:** 5000 LBS      **DOT Rpt Qty:** 5000 LBS

**Ozone Depleting Chemical:** N

**Cas:** 75-09-2      **Code:** M      **RTECS #:** PA8050000      **Code:** M  
**Name:** METHANE, DICHLORO-; (METHYLENE CHLORIDE)

**% Text:** 15**Environmental Wt:****Other REC Limits:** N/K**OSHA PEL:** 500 PPM;1000 PPM, C**Code:** M**OSHA****Code:****STEL:****Code:****ACGIH TLV:** 50 PPM**Code:** M**ACGIH** N/P**Code:****STEL:****EPA Rpt Qty:** 1000 LBS**DOT Rpt** 1000 LBS**Qty:****Ozone Depleting Chemical:** N

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**Health Hazards Data**
[TOP](#)**LD50 LC50 Mixture:** NONE SPECIFIED BY MANUFACTURER.**Route Of Entry Inds - Inhalation:** YES**Skin:** YES**Ingestion:** YES**Carcinogenicity Inds - NTP:** YES**IARC:** YES**OSHA:** NO**Health Hazards Acute And Chronic**

(ACUTE & CHRONIC) MAY CAUSE DIZZ/NARCOSIS IN HIGH VAP CONC. WILL CAUSE DEFAT OF SKIN. EFTS ARE REVERSIBLE. LONG TERM EXPOS (YRS) TO VAP MAY CAUSE LUNG, LIVER/KIDNEY DMG. CHLOROCARBON MATLS HAVE PRODUCED SENSIT OF MYOCARDIUM TO EPINEPHRINE I N LAB ANIMALS COULD HAVE A SIMILAR EFT IN HUMANS. ADRENOMIMETICS (SUPP DATA)

**Explanation Of Carcinogenicity**

METHYLENE CHLORIDE: GROUP 2 (NTP); GROUP 2B (IARC).

**Signs And Symptions Of Overexposure**

INHAL: DIFFICULTY IN BREATHING. SKIN: REDNESS. INGEST: VOMITING.

**Medical Cond Aggravated By Exposure**

HEART DISEASE.

**First Aid**

INHAL: GIVE OXYGEN. INGEST: DO NOT INDUCE VOMITING. GASTRIC LAVAGE. EYES/SKIN: WASH WITH WATER FOR AT LEAST 15 MINUTES. CONTACT MD FOR ALL CASES (FP N).

**Spill Release Procedures**

USE ABSORBENT SWEEPING COMPOUND TO SOAK UP MATERIAL. PUT INTO CONTAINER. DISPOSE AS HAZARDOUS WASTE.

**Neutralizing Agent**

NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods**

DISPOSE AS HAZARDOUS WASTE IN ACCORDANCE WITH EPA RCRA. DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS (FP N).

**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 UVRADIATION MAY CAUSE THE FORMATION OF HCL AND/OR PHOSGENE (FP N).

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**Fire and Explosion Hazard Information**
[TOP](#)**Flash Point Method:** TCC**Flash Point:****Flash Point Text:** -40F,-40C**Autoignition Temp:****Autoignition Temp Text:** N/A**Lower Limits:** 1.8%**Upper Limits:** 12%**Extinguishing Media**

USE WATER FOG, DRY CHEMICAL OR CO2.

**Fire Fighting Procedures**

WEAR NIOSH/MSHA APPROVED PRESSURE DEMAND SCBA & FULL PROTECTIVE EQUIPMENT (FP N). AEROSOL CANS MAY RUPTURE WHEN HEATED.

**Unusual Fire/Explosion Hazard**

HEATED CANS MAY BURST. THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE HCL & PHOSGENE (FP N).

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**Control Measures**
[TOP](#)**Respiratory Protection**

NIOSH/MSHA APPROVED SCBA IF TLV LIMIT EXCEEDED.

**Ventilation**

LOCAL EXHAUST: RECOMMENDED.

**Protective Gloves**

IMPERVIOUS GLOVES (FP N).

**Eye Protection**

CHEMICAL WORKERS GOGGLES (FP N).

**Other Protective Equipment**

LONG SLEEVE AND LONG PANTS.

**Work Hygienic Practices**

DO NOT SMOKE WHILE SPRAYING; WASH HANDS AFTER USE.

**Supplemental Safety and Health**

HLTH HAZ: (E.G., EPINEPHRINE) MAY BE CONTRAINDICATED EXCEPT FOR LIFE-SUSTAINING USES IN HUMANS ACUTELY OR CHRONICALLY EXPOSED TO CHLOROCARBONS (FP N).

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Physical/Chemical Properties

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HCC: V3

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text: >-40F, >-40C

Melt/Freeze Pt:

M.P/F.P Text: N/A

Decomp Temp:

Decomp Text: N/K

Vapor Pres: 42 PSIG

Vapor Density: 4.0

Volatile Org Content %:

Spec Gravity: 0.8

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity: N/P

Evaporation Rate & 2.5 (BUTYL ACETATE = 1)

Reference:

Solubility in Water: NONE

Appearance and Odor: BLUE LIQUID-SOLVENT ODOR.

Percent Volatiles by Volume: N/K

Corrosion Rate: N/K

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Reactivity Data

[TOP](#)

Stability Indicator: YES NONE

Stability Condition To Avoid: HIGH TEMPERATURES.

Materials To Avoid:

Hazardous Decomposition IN FIRE WILL DECOMPOSE TO CO2 AND

Products: WATER. HCL, PHOSGENE (FP N).

Hazardous Polymerization NO

Indicator:

Conditions To Avoid NOT RELEVANT

Polymerization:

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Toxicological Information

[TOP](#)

Toxicological Information: N/P

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Ecological Information

[TOP](#)

Ecological: N/P

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MSDS Transport Information

[TOP](#)

Transport Information: N/P

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Regulatory Information

[TOP](#)

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P



