This is an ARCHIVE Record!

MSDS Safety Information

- **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 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

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

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

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

- **METHANE, DICHLORO-; (METHYLENE CHLORIDE)**
  - **Name:** METHANE, DICHLORO-; (METHYLENE CHLORIDE)
  - **% Text:**
  - **OSHA PEL:**
  - **ACGIH TLV:**
  - **EPA Rpt Qty:**
  - **RTECS #:** PA8050000
  - **Code:** M

URL: http://www.msdsdirectory.com/msds/BMYXR.HTM
Ozone Depleting Chemical: N

Health Hazards Data

LD50 LC50 Mixture

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 IN 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 Symptoms 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 SORBING 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 UV RADIATION MAY CAUSE THE FORMATION OF HCL AND/OR PHOSGENE (FP N).

Fire and Explosion Hazard Information

Flash Point Method: TCC

Flash Point: -40F,-40C

Autoignition Temp: N/A

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).

Control Measures

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).

Physical/Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>HCC</td>
<td>V3</td>
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<tr>
<td>Net Prop WT For Ammo</td>
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</tr>
<tr>
<td>Boiling Point</td>
<td>&gt;-40F, &gt;-40C</td>
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<tr>
<td>Melt/Freeze Pt</td>
<td>N/A</td>
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<tr>
<td>Decomp Temp</td>
<td>N/K</td>
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<tr>
<td>Vapor Pres</td>
<td>42 PSIG</td>
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<tr>
<td>Volatile Org Content %</td>
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<tr>
<td>Spec Gravity</td>
<td>0.8</td>
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<tr>
<td>VOC Pounds/Gallon</td>
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<tr>
<td>PH</td>
<td>N/K</td>
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<tr>
<td>VOC Grams/Liter</td>
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<tr>
<td>Viscosity</td>
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<tr>
<td>Evaporation Rate &amp; 2.5 (BUTYL ACETATE = 1)</td>
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<tr>
<td>Reference</td>
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<tr>
<td>Solubility in Water</td>
<td>NONE</td>
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<tr>
<td>Appearance and Odor</td>
<td>BLUE LIQUID-SOLVENT ODOR.</td>
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<tr>
<td>Percent Volatiles by Volume</td>
<td>N/K</td>
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<tr>
<td>Corrosion Rate</td>
<td>N/K</td>
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</table>

Reactivity Data

Stability Indicator: YES NONE

Stability Condition To Avoid: HIGH TEMPERATURES.

Materials To Avoid:

Hazardous Decomposition: IN FIRE WILL DECOMPOSE TO CO2 AND WATER. HCL, PHOSGENE (FP N).

Hazardous Polymerization: NO

Indicator: Conditions To Avoid NOT RELEVANT

Toxicological Information

Toxicological Information: N/P

Ecological Information

Ecological: N/P

MSDS Transport Information

Transport Information: N/P

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

http://www.msdsdirectory.com/msds/BMYXR.HTM
### HMIS Transportation Information

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<thead>
<tr>
<th>Responsible Party Cage: 2F853</th>
<th>Trans ID NO: 34059</th>
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<tbody>
<tr>
<td>Product ID: 765-1401, DISC BRAKE SILENCER TM-1646</td>
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<tr>
<td>MSDS Prepared Date: 07/11/1986</td>
<td>Review Date: 06/30/1992</td>
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<td>MFN: 1</td>
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<td>Submitter: N TN</td>
<td>CD:</td>
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<td>Article W/O MSDS: N</td>
<td>Tech Entry NOS Shipping Nm:</td>
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<td>Radioactivity:</td>
<td>Form:</td>
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<td>Net Explosive Weight:</td>
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<tr>
<td>Coast Guard AMMO Code:</td>
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<tr>
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<td>AF MMAC Code:</td>
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<td>Multiple KIT Number: 0</td>
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<td>Kit Part IND: N</td>
<td>Review IND: Y</td>
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<td>Unit Of Issue: NK</td>
<td>Container QTY: NK</td>
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### Detail DOT Information

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<td>DOT PSN Modifier:</td>
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<td>DOT Packaging Group:</td>
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<td>Label: NONE</td>
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<td>Special Provision:</td>
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<td>Packaging Exception:</td>
<td>Non Bulk Pack: 156,306</td>
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<tr>
<td>Max Qty Pass: 30KGGROSS</td>
<td>Max Qty 30KGGROSS</td>
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<td>Water/Ship/Other Req:</td>
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### Detail IMO Information

| IMO PSN Code: AIY | |
| IMO Proper Shipping Name: AEROSOL DISPENSERS | |
| IMO PSN Modifier: ,WITH A CAPACITY OF 1000 CUBIC CM OR LESS | |
| IMDG Page Number: 9022 | UN Number: 1950 |
| UN Hazard Class: 9? | IMO Packaging Group: |
| Subsidiary Risk Label: - | |
| EMS Number: 2-13 | MED First Aid Guide NUM: |

### Detail IATA Information

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<tr>
<td>IATA PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)</td>
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<td>IATA UN Class: 2.1</td>
<td>Subsidiary Risk Class:</td>
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<td>IATA Label: FLAMMABLE GAS</td>
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<tr>
<td>UN Packing Group:</td>
<td>Packing Note Passenger: 203</td>
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<tr>
<td>Max Quant Pass: 75KG</td>
<td>Max Quant Cargo: 150KG</td>
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<tr>
<td>Packaging Note Cargo: 203</td>
<td>Exceptions:</td>
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Detail AFI Information
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AFI PSN Code: ALS  
AFI Symbols:  
AFI Proper Shipping Name: AEROSOLS, NONFLAMMABLE, N.O.S.  
AFI PSN Modifier: CONTAINING SUBSTANCES IN CLASS 8, PACKING GROUP I  
AFI Hazard Class: FORB  
AFI UN ID NUM: N/A  
AFI Packaging Group: N/A  
AFI Label:  
Special Provisions: N/A  
Back Pack Reference: FORBIDDEN

---------------------------------------------
HMIS HAZCOM Label
---------------------------------------------

Product ID: 765-1401, DISC BRAKE SILENCER TM-1646  
Cage: 2F853  
Assigned IND: N  
Company: AEROSOL SYSTEMS INC  
Name:  
Street: 9150 VALLEY VIEW RD  
PO Box:  
City: MACEDONIA  
State: OH  
Zipcode: 44056-2013  
Country: US  
Health Emergency Phone: 216-467-4195  
Label Required IND: Y  
Date Of Label Review: 04/06/1992  
Status Code: C  
Label Date: 04/06/1992  
Year Procured: N/K  
Origination Code: G  
Chronic Hazard IND: Y  
Eye Protection IND: YES  
Signal Word: DANGER  
Respiratory Protection IND: YES  
Health Hazard: Moderate  
Contact Hazard: Slight  
Fire Hazard: Severe  
Reactivity Hazard: None

Hazard And Precautions
STORE BELOW 120F. KEEP AWAY FROM HEAT, SPARKS OR OPEN FLAME. ACUTE: MAY CAUSE DIZZINESS OR NARCOSIS IN HIGH VAPOR CONCENTRATIONS. WILL CAUSE DEFATTING OF SKIN. EFFECTS ARE REVERSIBLE. DO NOT SMOKE WHILE SPRAYING. WASH HANDS AFTER USE. CHRONIC: LONG TERM EXPOSURE (YEARS) TO VAPOR MAY CAUSE LUNG, LIVER OR KIDNEY DAMAGE. CHLOROCARBON MATERIALS HAVE PRODUCED SENSITIVITY OF MYOCARDIUM TO EPINEPHRINE IN LAB ANIMALS AND IN HUMANS.

http://www.msdsdirectory.com/msds/BMYXR.HTM 2/2/2010