



SECTION 1 - Product Information

Product Identifier: 8078 Dry Graphite Lubricant**Product Use:** Lubricant**Manufacturer's Name:** AerVOE Industries Inc.**Address:** 1198 Mark Circle, Gardnerville, NV 89410**Emergency Phone:** 1-800-424-9300**Preparation Date:** April 17, 2008

SECTION 2 - Hazardous Ingredients

Hazardous Ingredients	Weight %	CAS Number	LD ₅₀ of Ingredient (species & route)	LC ₅₀ of Ingredient (species)
Hydrocarbon Propellant	15 - 40	68476-86-8	N / AV	N / AV
Acetone	10 - 30	67-64-1	5800 mg / kg (Rat-Oral)	21000 ppm / 8 hr (Rat)
Trichloroethylene	10 - 30	79-01-6	4920 mg / kg (Rat-Oral)	12500 ppm / 4 hr (Rat)
Toluene	5 - 10	108-88-3	N / AV	N / AV

SECTION 3 - Physical Data

Physical State: Aerosol**Specific Gravity:** 0.8**Evaporation Rate:** Faster than n-Butyl Acetate**Boiling Point:** N / AP**Freezing Point:** N / AV**pH:** N / AP**Vapor Density (air = 1):** Heavier than air**Vapor Pressure (psig):** 45 - 55**Odor and Appearance:** Ethereal odor / Black liquid

SECTION 4 - Fire and Explosion Data

Flammability: Flammable aerosol under conditions of sparks, flame, or excessive heat.**Means of Extinction:** *Extinguishing Media* - Carbon dioxide, dry chemical, water spray. *Firefighting Procedures* - Treat as cylinders of compressed gas. Closed containers may rupture due to pressure build up from extreme temperature. Use water spray to cool containers to prevent pressure build up. Self-contained breathing apparatus should be used if product is involved in fire.**Flashpoint:** < 0° F (-18° C)**Method Used:** Estimated**Flammable Limits - LFL:** 1.2% **UFL:** 12.8%**Autoignition Temperature:** N / AV**Hazardous Combustion Products:** Carbon Monoxide, Carbon Dioxide. May include Hydrogen Chloride and trace amounts of Phosgene and Chlorine.**Explosion Data - Sensitivity to Mechanical Impact:** No**Explosion Data - Sensitivity to Static Discharge:** No

SECTION 5 - Reactivity Data

Chemical Stability: Stable**Incompatibility with Other Substances:** Strong oxidizing agents, acids & bases. Metal powders such as Aluminum, Magnesium, Potassium, Sodium, and Zinc.**Reactivity & Conditions:** None**Hazardous Decomposition Products:** Hydrogen Chloride and very small amounts of Phosgene and Chlorine.**NOTE:** N / AP = Not Applicable N / AV = Not Available**Primary Routes of Entry:** Skin Contact, Eye Contact, Inhalation**Effects of Acute Exposure to Product:***Skin Contact* - Irritation.*Eye Contact* - Irritation.*Inhalation* - Irritation. May cause dizziness, light-headedness and / or headaches.**Effects of Chronic Exposure to Product:** Dermatitis.**Exposure Limits (TLV):**

Hydrocarbon Propellant N / AV - ACGIH 2005

Acetone 500 ppm TWA and 750 ppm STEL - ACGIH 2005

Trichloroethylene 50 ppm TWA and 100 ppm STEL - ACGIH 2005

Toluene 50 ppm TWA (skin) - ACGIH 2005

Irritancy: Skin, eyes, and respiratory tract.**Sensitization:** N / AV**Carcinogenicity:** Trichloroethylene is not listed as a human carcinogen by OSHA. It is listed by ACGIH as TLV-A5, "Not suspected as a Human Carcinogen"; by NTP as R "Reasonably Anticipated To Be A Human Carcinogen"; by IARC as 2A "Probably Carcinogenic to Humans". The remaining ingredients are not listed as a human carcinogen by IARC, ACGIH, NTP, or OSHA.**Reproductive Toxicity:** N / AV**Teratogenicity:** N / AV**Mutagenicity:** N / AV**Synergistic Products:** N / AV

SECTION 7 - Preventive Measures

Personal Protective Equipment (PPE): Gloves - Yes Respirator - Yes Eye - Yes Footwear - No Clothing - No Other - No*Skin Protection* - Chemical resistant gloves such as Neoprene or Nitrile rubber.*Respiratory Protection* - In areas with poor ventilation, use a NIOSH approved Organic Vapor Cartridge Respirator.

For concentrations above the TLV (as defined in Section 6), use a positive air supplied respirator.

Eye Protection - Safety glasses or goggles.**Engineering Controls:** General ventilation to maintain exposure limits below TLV's as defined in Section 6.**Leak and Spill Procedure:** Remove all sources of ignition. Ventilate area. Prevent from entering a watercourse. Use an inert absorbent material and non-sparking type tools.**Waste Disposal:** Dispose of in accordance with local, state/provincial or territorial, and federal regulations. Do not incinerate closed containers.**Handling Procedures and Equipment:** Do not use near heat, sparks, or open flame. Use PPE as defined in Section 7.**Storage Requirements:** Do not store near heat, sparks, flame or above 120° F (49° C).**Special Shipping Information:** Consumer Commodity ORM-D.

SECTION 8 - First Aid Measures

Inhalation: Remove from exposure, seek medical attention if signs/symptoms persist.**Ingestion:** Do NOT induce vomiting, seek medical attention.**Skin Contact:** Wash affected area with soap and water, remove contaminated clothing, seek medical attention if irritation persists.**Eye Contact:** Flush immediately with water for 15 minutes, seek medical attention if irritation persists.

SECTION 9 - Preparation Information

Prepared by: Technical Department**Telephone Number:** 775-782-0100**Preparation Date:** April 17, 2008

THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE SO. NOTHING CONTAINED HEREIN CONSTITUTES A SPECIFICATION NOR IS IT INTENDED TO WARRANT SUITABILITY FOR THE INTENDED USE.