



# Material Safety Data Sheet

The information presented in these forms is believed to be correct and sufficient to meet the requirements of OSHA Hazard Communication standard (29 CFR 1910.1200) concerning worker's right to know.  
This MSDS covers the following Aerovoe aerosol product.

PRODUCT NAME:



8078 Dry Graphite Lubricant

**SECTION I - MANUFACTURER IDENTIFICATION**

MANUFACTURER'S NAME: Aerovoe Industries Inc.  
 ADDRESS: 1100 Mark Circle, Gardnerville, NV 89410  
 EMERGENCY PHONE: 1-800-424-9300  
 DATE REVISED: June 20, 2011  
 REASON REVISED: Updated

**SECTION II - HAZARDOUS INGREDIENTS / SARA III INFORMATION**

HAZARDOUS COMPONENTS	WEIGHT PERCENT	OCCUPATIONAL EXPOSURE LIMITS			LC50 SPECIES & ROUTE
		OSHA PEL	ACGIH TLV	LD50 SPECIES & ROUTE	
Hydrocarbon Propellant (CAS 68476-86-8)	15 - 40	1000 ppm	1000 ppm	N / AV	N / AV
Acetone (CAS 67-64-1)	10 - 30	1000 ppm	500 ppm	5800 mg / kg (Rat-Oral)	21000 ppm / 8 hr (Rat-inh)
Methyl Ethyl Ketone (CAS 78-93-3)	15 - 40	200 ppm	200 ppm	N / AV	N / AV

\*Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.  
 NOTE: N / AP = Not Applicable N / AV = Not Available

**SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS**  
 BOILING POINT: N / AP  
 SPECIFIC GRAVITY (H20=1): 0.8  
 SOLUBILITY IN WATER: Partial  
 VAPOR DENSITY: Heavier than air  
 EVAPORATION RATE: Faster than n-Butyl Acetate  
 APPEARANCE AND ODOR: Black liquid with an ethereal odor  
 UPPER: 12.8%

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**  
 FLASH POINT: < 0° F (-18° C)  
 METHOD USED: Estimated  
 FLAMMABLE LIMITS IN AIR BY VOLUME-LOWER: 1.2%  
 EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Water Spray  
 SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool containers exposed to heat or fire to prevent pressure build up.  
 Self-contained breathing apparatus should be used if product is involved in fire.  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Treat as cylinders of compressed gas. Closed containers may rupture due to pressure build up from extreme temperature.  
 FLAMMABILITY: Flammable aerosol under conditions of sparks, flame, or hot surfaces.  
 SENSITIVITY TO IMPACT: Aerosol cans are under pressure. Product will be expelled rapidly if container is punctured.  
 SENSITIVITY TO STATIC DISCHARGE: Primarily vapors

**SECTION V - REACTIVITY DATA**

STABILITY: Stable  
 INCOMPATIBILITY (MATERIALS TO AVOID): Open flames, sparks, electrical arcs, Sodium, and Zinc.  
 HAZARDOUS COMBUSTION OR BY-PRODUCTS: Carbon Monoxide, Carbon Dioxide. May include Hydrogen Chloride and trace amounts of Phosgene and Chlorine.  
 HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Hydrogen Chloride and very small amounts of Phosgene and Chlorine.  
 HAZARDOUS POLYMERIZATION: Will not occur

**SECTION VI - HEALTH HAZARD DATA**

INHALATION: Respiratory tract irritant. May cause dizziness, light-headedness and / or headaches.  
 SKIN CONTACT: Prolonged or repeated contact may cause irritation and dermatitis.  
 EYE CONTACT: Painful with slight to moderate irritation.  
 SKIN ABSORPTION: Not likely to be absorbed in toxic amounts under normal use.  
 INGESTION: Not likely in normal use but swallowing large amounts may be harmful.  
 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 "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.  
 TERATOGENICITY: Not established  
 MUTAGENICITY: Not established  
 MEDICAL CONDITION GENERALLY AGGRAVATED BY EXPOSURE: Not established  
 EMERGENCY AND FIRST AID PROCEDURES: INHALATION - Remove from exposure, seek medical attention if signs/symptoms persist.  
 SKIN - Wash affected area with soap and water, remove contaminated clothing, seek medical attention if irritation persists.  
 EYES - Flush immediately with water for 15 minutes, seek medical attention if irritation persists.  
 INGESTION - Do NOT induce vomiting, drink plenty of water, seek medical attention if irritation persists.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Ventilate area. Prevent from entering a watercourse. Use an inert absorbent material and non-sparking type tools.  
 WASTE DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations. Do not incinerate closed containers.  
 PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not store above 120° F (49°C). Do not store or use near heat, sparks or flame.  
 OTHER PRECAUTIONS: Do not smoke while using this product.

**SECTION VIII - CONTROL MEASURES**

RESPIRATORY PROTECTION: In areas with poor ventilation, use a NIOSH approved Organic Vapor Cartridge Respirator.  
 For concentrations above the TLV (as defined in Section II), use a positive air supplied respirator.  
 VENTILATION: General ventilation to maintain exposure limits below TLV's as defined in Section II.  
 PROTECTIVE GLOVES: Chemical resistant gloves such as Neoprene or Nitrile rubber.  
 EYE PROTECTION: Safety glasses or goggles.  
 OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None  
 WORK / HYGIENIC PRACTICES: Avoid prolonged or repeated contact. Do not breathe vapors. Wash contaminated clothing prior to reuse.

**SECTION IX - DISCLAIMER**

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.