



# Material Safety Data Sheet

TO: MSDS USERS

Please find below the material safety data sheet as per your request.

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. In order for the information contained in the MSDS to be most helpful we recommend that these forms be made available to all those who handle or may otherwise be exposed to the product.

This MSDS covers the following AerVOE aerosol product.

**PRODUCT NAME:**

**HMS CODES:** H F R P  
1 4 0 X



7037 Lithium Grease

## SECTION I - MANUFACTURER IDENTIFICATION

**MANUFACTURER'S NAME:** AerVOE Industries Inc.  
**INFORMATION PHONE:** 775-782-0100  
**DATE REVISED:** 07/05/02

**ADDRESS:** 1198 Mark Circle, Gardnerville, NV 89410  
**EMERGENCY PHONE:** 1-800-424-9300  
**REASON REVISED:** New

## SECTION II - HAZARDOUS INGREDIENTS / SARA III INFORMATION OCCUPATIONAL EXPOSURE LIMITS

HAZARDOUS COMPONENTS	WEIGHT PERCENT	OSHA PEL	ACGIH TLV	OTHER	LD50 SPECIES & ROUTE	LC50 SPECIES & ROUTE
HEPTANE (CAS 142 82 5)	50 - 60	400 PPM	400 PPM	500 PPM (STEL)	N/A	N/A
HYDROCARBON PROPELLANT (CAS 68476 86 8)	20 - 30	1000 PPM	1000 PPM		N/A	N/A

\*\*\*No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present.\*\*\*

**NOTE:** N/A applies to not available or not applicable

**PRODUCT:** Crown Lithium Grease - Aerosol

## SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

**BOILING POINT:** N/A  
**VAPOR DENSITY:** Heavier than air  
**EVAPORATION RATE:** Slower than Ether

**SPECIFIC GRAVITY (H20=1, @70°F):** 0.66  
**SOLUBILITY IN WATER:** Negligible  
**APPEARANCE AND ODOR:** Tan / Hydrocarbon Odor

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** < 0° F (-18° C)  
**EXTINGUISHING MEDIA:** Carbon dioxide, foam, dry chemical.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Water spray may be used 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 heat or fire.

**METHOD USED:** Estimated  
**FLAMMABLE LIMITS - LEL:** 1.2% **UEL:** 9.5%

## SECTION V - REACTIVITY DATA

**STABILITY:** Stable  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong oxidizing agents, strong acids or bases.  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Carbon Monoxide and Carbon Dioxide  
**HAZARDOUS POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID:** Open flames, sparks, electrical arcs.

## 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 defatting and / or dermatitis.  
**EYE CONTACT:** Painful and slight to moderate irritation.  
**SKIN ABSORPTION:** Very low toxicity.  
**INGESTION:** May cause chemical pneumonia if aspirated into the lungs.  
**CARCINOGENICITY:** None known  
**TERATOGENICITY:** 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.  
SPLASH - (SKIN) Wash affected area with soap & water, remove contaminated clothing, seek medical attention if irritation persists.  
SPLASH - (EYES) Flush immediately with water for 15 minutes and see medical attention if irritation persists.  
INGESTION - Do NOT induce vomiting. Drink plenty of water.

**NTP:** No  
**IARC MONOGRAPHS:** No  
**OSHA REGULATED:** No

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Remove all sources of ignition: Flames, sparks, static electricity & electrical. Ventilate area, avoid run off into sewer by diking, and soak up with inert absorbent using 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 get in eyes. Do not breathe vapors. Avoid skin contact. Do not take internally. Smoking while using this product must be strictly prohibited.

## SECTION VIII - CONTROL MEASURES

**RESPIRATORY PROTECTION:** Respiratory protection program should be in accordance with 29 CFR 1910.134.  
**VENTILATION:** All application areas should be adequately ventilated in order to keep the items in SECTION II below their exposure limits.  
**PROTECTIVE GLOVES:** Polyethylene or Neoprene gloves are recommended.  
**EYE PROTECTION:** Safety glasses with side shields are recommended.  
**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Not established.  
**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.