



# Material Safety Data Sheet

TO: MSDS USERS

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

The information presented in these data 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.

**PRODUCT NAME:** (50A5) #931 LUBE EZE  
**PRODUCT USE:** LUBRICANT

**PRODUCT CODE:** 50 A5

**HMS CODES:** H F R P  
2 4 1

### SECTION I - MANUFACTURER IDENTIFICATION

**MANUFACTURER'S NAME:** AerVOE-Pacific Company, Inc.  
**ADDRESS:** 1198 Sawmill Rd., Gardnerville, NV 89410  
**EMERGENCY PHONE:** 1-800-424-9300  
**DATE REVISED:** 01-01-97

**INFORMATION PHONE:** (702) 782-0100  
**NAME OF PREPARER:** Mike A. Traquina  
**REASON REVISED:** Updated

### 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
LF 01 SEVERELY HYDROTREATED PETROLEUM OIL (CAS 64742 46 7) 30	N/A	5 mg/m3 AS	OIL MIST	N/A	N/A
SS 21 ISOPROPANOL 99% (CAS 67 63 0) 50	400 PPM	400 PPM	500 PPM	5.84 g/kg RAT ORAL	N/A
PR 01A PROPANE (CAS 74 98 6) 10	1000 PPM	1000 PPM		N/A	N/A
PR 01B ISOBUTANE (CAS 75 28 5) <5.0%	800 PPM	800 PPM	<ESTIMATE	N/A	520000 PPM; 2 hr MOUSE EXP
PR 01C NORMAL BUTANE (CAS 106 97 8) 5	600 PPM	600 PPM		N/A	658 mg/L; 4 hr RAT INHA

\*\*\* 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 CODE: 50 A5**

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

**BOILING POINT:** -10° F/-23.3° C **SPECIFIC GRAVITY (H2O=1):** 0.8 **COEFFICIENT OF WATER/OIL DIST:** N/A **ODOR THRESHOLD:** N/A  
**VAPOR DENSITY:** HEAVIER THAN AIR **SOLUBILITY IN WATER:** NEGLIGIBLE  
**EVAPORATION RATE:** FASTER THAN n-BUTYL ACETATE **APPEARANCE AND ODOR:** YELLOW CLEAR LIQUID / SOLVENT BASED ODOR  
**COATING V.O.C.:** 5.13 LBS/IMP GAL 4.28 LBS/US GAL 512 GMS/LTR **FREEZING POINT:** N/A **pH:** N/A

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** -5.8° F/-21° C **METHOD USED:** ESTIMATED **FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER:** 1.8% **UPPER:** 12.0%  
**EXTINGUISHING MEDIA:** FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG  
**SPECIAL FIREFIGHTING PROCEDURES -** WATER SPRAY MAY BE INEFFECTIVE, BUT WATER SPRAY MAY BE USED TO COOL CONTAINERS EXPOSED TO HEAT OR FIRE TO PREVENT PRESSURE BUILD UP.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS -** CLOSED CONTAINERS MAY EXPLODE DUE TO BUILD UP OF PRESSURE FROM EXTREME HEAT OR FIRE. AEROSOL SPRAY IS EXTREMELY FLAMMABLE.  
**FLAMMABILITY - T.D.G.R. CLASS -**CONSUMER COMMODITY ORM-D, (UN1950 CLASS 9), NFPA 30B, LEVEL 3 AEROSOL  
**SENSITIVITY TO IMPACT -** DO NOT PUNCTURE **SENSITIVITY TO STATIC DISCHARGE -** PRIMARILY VAPORS.

**SECTION V - REACTIVITY DATA**

**STABILITY:** STABLE **CONDITIONS TO AVOID -** HIGH TEMPERATURES  
**INCOMPATIBILITY (MATERIALS TO AVOID) -** STRONG OXIDIZING AGENTS.  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS -** CARBON MONOXIDE AND CARBON DIOXIDE  
**HAZARDOUS POLYMERIZATION -** WILL NOT OCCUR

**SECTION VI - HEALTH HAZARD DATA**

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE -** MAY CAUSE DIZZINESS OR NAUSEA.  
**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE -** SKIN: MAY CAUSE IRRITATION OR BURNING SENSATION.  
**EYES:** PRIMARY IRRITATION  
**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE -** N/A  
**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE -** MAY CAUSE IRRITATION OR BURNING SENSATION.  
**HEALTH HAZARDS (ACUTE AND CHRONIC) -** INHALATION: ANESTHETIC. IRRITATION OF THE RESPIRATORY TRACT, OR NERVOUS SYSTEM DEPRESSION-(CHARACTERIZED BY HEADACHE, DIZZINESS, NAUSEA OR POSSIBLE UNCONSCIOUSNESS). SKIN OR EYE CONTACT: PRIMARY IRRITATION. PROLONGED OR REPEATED CONTACT TO SKIN MAY CAUSE DERMATITIS - EXERCISE DUE CARE  
**CARCINOGENICITY:** NONE KNOWN **NTP?** NO **IARC MONOGRAPHS?** NO **OSHA REGULATED?** NO  
**TERATOGENICITY -** N/A **MUTAGENICITY -** N/A **TOXICOLOGICALLY SYNERGISTIC PRODUCT -** N/A  
**MEDICAL CONDITION GENERALLY AGGRAVATED BY EXPOSURE -** NONE KNOWN  
**EMERGENCY AND FIRST AID PROCEDURES -** VAPORS: REMOVE FROM EXPOSURE AND RESTORE BREATHING, SEEK MEDICAL ATTENTION  
**SPLASH: (SKIN)** WASH AFFECTED AREA, REMOVE CONTAMINATED CLOTHING. SEE PHYSICIAN IF ANY IRRITATION PERSISTS.  
**SPLASH: (EYES)** FLUSH IMMEDIATELY WITH WATER FOR 15 MINUTES AND TAKE TO A PHYSICIAN.

**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 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/48.9 ° 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 -** AT CONCENTRATIONS CLOSE TO EXPOSURE LIMITS WE RECOMMEND THE USE OF NIOSH APPROVED AIR SUPPLIED OR SELF CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE.  
**VENTILATION -** ALL APPLICATION AREAS SHOULD BE ADEQUATELY VENTILATED IN ORDER TO KEEP THE ITEMS IN SECTION III BELOW THEIR EXPOSURE LIMITS.  
**PROTECTIVE GLOVES -** IMPERVIOUS GLOVES (NATURAL RUBBER) ARE RECOMMENDED TO PREVENT SKIN CONTACT.  
**EYE PROTECTION -** SAFETY GLASSES WITH SIDE SHIELDS ARE RECOMMENDED TO PREVENT EYE CONTACT.  
**OTHER PROTECTIVE CLOTHING OR EQUIPMENT -** IMPERVIOUS APRON IS RECOMMENDED TO PREVENT SKIN CONTACT. EYE WASH FOUNTAIN AND SAFETY SHOWER.  
**WORK/HYGIENIC PRACTICES -** AVOID PROLONGED OR REPEATED CONTACT. DO NOT BREATHE VAPORS. WASH CONTAMINATED CLOTHING PRIOR TO RE-USE.

**SECTION IX - DISCLAIMER**

**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.